



LABORATORY SERVICES

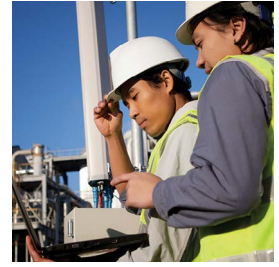


# REFERENCE MATERIALS CATALOG

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# INTRODUCTION TO ASTM REFERENCE MATERIALS



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Reference Materials may be produced in a variety of ways, but two of the most common approaches are:

- ① through gravimetric preparation of pure (or close to pure) materials
- ② through consensus testing

In most scenarios when reference materials are utilized for instrument calibration, those prepared gravimetrically are preferred because of their extremely small estimates of uncertainty and propensity to enable a linear calibration. However, matrix-based reference materials whose Accepted Reference Values (ARV) are established from consensus testing are often preferred for validation purposes for several reasons, including the validation of performance for a specified matrix and as a secondary check of a calibration using materials that are independent of the standards utilized for construction of the calibration.

## Why Use ASTM Reference Materials?

Our Reference Materials can be used for both validation of an analytical process or instrument as well as analyst performance evaluation. Using our proven consensus-based testing approach, ASTM Reference Materials feature very low uncertainty estimates as they are often based on hundreds of values.

This large population of data yields smaller estimates of uncertainty and provides your laboratory greater confidence in the accuracy of the Accepted Reference Values (ARV) published on the Certificate of Analysis for each reference material. In contrast, reference materials with large uncertainty estimates will be of limited value as they have reduced capability for establishing whether or not an instrument or analytical process is performing as intended.

## ASTM Reference Materials feature:

- Validated sample transfer process coupled with confirmation testing - in order to ensure the integrity of the material transfer process as well as to validate the accuracy of the Accepted Reference Values, each batch of reference material undergoes confirmation testing.
- A wide variety of matrices as well as property ranges for each reference material – generally each reference material will be available in 5 or more property ranges. This permits a more applicable validation.
- Clear and concise Certificates of Analysis and full data on how the ARV was established for traceability purposes. Our certificates also contain stated tolerance limits for testing of the reference material, which saves you time. In some cases, a laboratory may have an expectation that the tolerance range for testing a reference material is the estimate of uncertainty, however, this is a reflection of the uncertainty of the ARV and not the tolerance range for what a laboratory should obtain when testing the reference material.

In cases where data sets used for establishment of the ARV are non-numeric (for example, reference materials for Saybolt Color by ASTM D156, Copper Corrosion by ASTM D130, etc.), ARV ranges are provided instead of a singular ARV and no estimates of uncertainty are provided.

## Additional Reference Materials Offerings

In addition to our standard offerings listed in this catalog, multi-property reference materials, and materials in different container sizes, etc. may be available as well. We also offer subscription programs with regular (timed) delivery of desired reference materials. To learn more, please contact us at [RefMat@astm.org](mailto:RefMat@astm.org).



## ABBREVIATION KEYS & TERMS AND CONDITIONS



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### MATRIX CODES — Biofuels

**BDF** Biodiesel Blend (B6 – B20)

**BIOD** Biodiesel

**ETOH** Fuel Ethanol

### MATRIX CODES — Miscellaneous Fluids

**DEF** Diesel Exhaust Fluid

**EC** Engine Coolant

**IFQ** Mineral Insulating Fluid

**HFO** Hydraulic Fluids or Oils (Mineral Oil, Synthetic Ester or Water Glycol)

**IHFO** In-Service Hydraulic Fluids or Oil (Mineral Oil)

### MATRIX CODES — Aromatic Hydrocarbons

**BZ** Benzene

**MX** Mixed Xylene

**PX** Para-Xylene

### MATRIX CODES — Petroleum Liquids and Fuels

**ALA** Automotive Lubricants Additives

**ATF** Automatic Transmission Fluid

**BO** Base Oil

**CO** Crude Oil

**DF** Diesel Fuel

**FO** Fuel Oil

**GGO** General Gas Oil

**GO** Gear Oil

**IGO** Industrial Gear Oil

**ISDO** In-Service Engine Oil

**JF** Aviation Jet Fuel

**F24** F24 Aviation Jet Fuel

**LG** Lubricating Grease

**LU** Engine Oil Lubricant

**MG** Motor Gasoline (Non-Oxygenated)

**NP** Naphtha

**RFG** Motor Gasoline (Oxygenated ~ 9% Ethanol)

**TO** Turbine Oil

**WX** Petroleum Wax

### Container Codes

**AGA** Amber Glass Ampoule

**AGB** Amber Glass Bottle

**AIB** Aluminum Bottle

**ELSC** Epoxy Lined Steel Can

**ELPC** Epoxy Lined Paint Can

ASTM Reference Materials are not permitted to be repackaged or resold.

ASTM International assumes no liability with respect to the use of, or for damages resulting from the use of ASTM Reference Materials.

ASTM Reference Materials are intended for use in validating instruments, test methods, and laboratory performance and may also be used for establishment of analyst competence.



## EPA 40 CFR 1090 ACCURACY AND PRECISION REFERENCE MATERIALS



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ASTM Reference Materials are an excellent resource to help you comply with US EPA fuels regulations under 40 CFR 1090. We offer a variety of reference materials, valid as check standards per ASTM D6299, to support your laboratory's ongoing precision and accuracy demonstration per 40 CFR 1090.1375. Implementing reference materials with reliable accepted reference values allows you to confirm compliance in real-time, reducing the risk and liability of unqualified data being reported to customers and agencies.

Our available options provide ARVs in the fuel matrices being tested across a wide range of results, including those at or slightly below the applicable standards, to satisfy 40 CFR 1090.1375(c)(2):

- Vapor Pressure of Gasoline in neat and oxygenated matrices, with ARVs from 5.5 psi to 14.5 psi, including numerous batches at or below the summer season maximum RVP per gallon standards detailed in 40 CFR 1090.215(a)
- Benzene in Gasoline from 0.2 vol % to 1.1 vol %, including options at or below the benzene average standard of 0.62 vol % per 40 CFR 1090.210(a)
- Sulfur in Gasoline and Sulfur in Diesel available with concentrations at or below the respective sulfur standards per 40 CFR 1090.205(a) and 1090.305(b)
- Oxygenates in Gasoline at the 10 % Ethanol blend level
- Aromatics in Gasoline across a range from 18 vol % to 30 vol %
- Olefins in Gasoline across a range from 1 vol % to 12 vol %
- Distillation reference materials with IBPs from 80 °F to 107 °F and FBPs from 350 °F to 425 °F



## EPA 40 CFR 1090 ACCURACY AND PRECISION REFERENCE MATERIALS



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Product Code	Property	Matrix	Test Method	Container	Price
RM_RFG_ASTM D5580_20 mL	Aromatics	RFG	ASTM D5580	20 mL AGA (4/pk)	\$508.92
RM_RFG_ASTM D5769_20 mL	Aromatics	RFG	ASTM D5769	20 mL AGA (4/pk)	\$508.92
RM_MG_ASTM D5580_20 mL	Aromatics	MG	ASTM D5580	20 mL AGA (4/pk)	\$406.46
RM_MG_ASTM D5769_20 mL	Aromatics	MG	ASTM D5769	20 mL AGA (4/pk)	\$406.46
RM_RFG_ASTM D3606_125 mL	Benzene	RFG	ASTM D3606	125 mL AIB	\$413.21
RM_MG_ASTM D3606_125 mL	Benzene	MG	ASTM D3606	125 mL AIB	\$329.38
RM_RFG_ASTM D86_250 mL	Distillation	RFG	ASTM D86	250 mL AIB	\$473.57
RM_MG_ASTM D86_250 mL	Distillation	MG	ASTM D86	250 mL AIB	\$380.42
RM_RFG_ASTM D1319_5 mL	Hydrocarbon Type	RFG	ASTM D1319	5 mL AGA (8/pk)	\$644.99
RM_MG_ASTM D1319_5 mL	Hydrocarbon Type	MG	ASTM D1319	5 mL AGA (8/pk)	\$514.58
RM_RFG_ASTM D6550_20 mL	Olefins	RFG	ASTM D6550	20 mL AGA (4/pk)	\$498.92
RM_MG_ASTM D6550_20 mL	Olefins	MG	ASTM D6550	20 mL AGA (4/pk)	\$396.46
RM_RFG_ASTM D4815_20 mL	Oxygenates	RFG	ASTM D4815	20 mL AGA (4/pk)	\$503.92
RM_RFG_ASTM D5599_20 mL	Oxygenates	RFG	ASTM D5599	20 mL AGA (4/pk)	\$503.92
RM_RFG_ASTM D2622_4 oz	Sulfur	RFG	ASTM D2622	4 oz AGB	\$408.21
RM_RFG_ASTM D5453_4 oz	Sulfur	RFG	ASTM D5453	4 oz AGB	\$408.21
RM_RFG_ASTM D7039_4 oz	Sulfur	RFG	ASTM D7039	4 oz AGB	\$408.21
RM_MG_ASTM D2622_4 oz	Sulfur	MG	ASTM D2622	4 oz AGB	\$324.38
RM_MG_ASTM D5453_4 oz	Sulfur	MG	ASTM D5453	4 oz AGB	\$324.38
RM_MG_ASTM D7039_4 oz	Sulfur	MG	ASTM D7039	4 oz AGB	\$324.38
RM_DF_ASTM D2622_4 oz	Sulfur	DF	ASTM D2622	4 oz AGB	\$295.32
RM_DF_ASTM D5453_4 oz	Sulfur	DF	ASTM D5453	4 oz AGB	\$295.32
RM_DF_ASTM D7039_4 oz	Sulfur	DF	ASTM D7039	4 oz AGB	\$295.32
RM_RFG_ASTM D5191_250 mL	Vapor Pressure	RFG	ASTM D5191	250 mL AIB	\$458.57
RM_MG_ASTM D5191_250 mL	Vapor Pressure	MG	ASTM D5191	250 mL AIB	\$365.42



## OCTANE AND CETANE REFERENCE MATERIALS



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Demonstrate control and build confidence by implementing ASTM's combustion characteristic reference materials as part of your QC program. Our selection of combustion characteristic reference materials are ideal for ensuring and monitoring the validity of results to customers and accrediting bodies. Octane and Cetane reference materials are available in typical finished gasoline and diesel product matrices. Octane Number reference materials are available with reliable ARVs across the range from subgrade to midgrade including RON from 85 to 94 and MON 79 to 87. Cetane Number and Derived Cetane Number reference materials are available from 40 to 52.

Product Code	Property	Matrix	Test Method	Container	Price
RM_MG_ASTM D2700_1L	Octane Number, Motor	MG	ASTM D2700	1L AIB	\$468.54
RM_MG_ASTM D2699_1L	Octane Number, Research	MG	ASTM D2699	1L AIB	\$468.54
RM_DF_ASTM D613_1L	Cetane Number	DF	ASTM D613	1L AIB	\$482.63
RM_DF_ASTM D6890_250 mL	Cetane Number, Derived	DF	ASTM D6890	250 mL AIB	\$328.14
RM_DF_ASTM D7668_500 mL	Cetane Number, Derived	DF	ASTM D7668	500 mL AIB	\$445.50





## COMPOSITIONAL GC REFERENCE MATERIALS



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Validate your compositional gas chromatography instrumentation and methodology with ASTM's composition reference materials. Shipped in packages of 8 x 5-mL ampoules, and in gasoline or naphtha matrices, our multi-ARV reference materials are a reliable way to confirm precision and accuracy of hydrocarbon group reporting and performance. Reference materials are available with ARVs for:

- ASTM D5443 – Paraffins, Naphthenes, Aromatics; in gasoline or naphtha
- ASTM D6730 – Paraffins, Isoparaffins, Naphthenes, Aromatics; in gasoline or naphtha
- ASTM D6839 – Olefins, Aromatics, Saturates; in gasoline
- ASTM D8071 – Paraffins, Isoparaffins, Olefins, Naphthenes, Aromatics; in gasoline
- ASTM D5134 – Detailed Hydrocarbon Analysis with up to 20 individual components; in naphtha

Product Code	Property	Matrix	Test Method	Container	Price
RM_NP_ASTM D5134_5 mL	Hydrocarbon Type	NP	ASTM D5134	5 mL AGA (8/pk)	\$714.06
RM_MG_ASTM D5443_5 mL	Hydrocarbon Type	MG	ASTM D5443	5 mL AGA (8/pk)	\$564.58
RM_NP_ASTM D5443_5 mL	Hydrocarbon Type	NP	ASTM D5443	5 mL AGA (8/pk)	\$659.06
RM_MG_ASTM D6730_5 mL	Hydrocarbon Type	MG	ASTM D6730	5 mL AGA (8/pk)	\$584.58
RM_NP_ASTM D6730_5 mL	Hydrocarbon Type	NP	ASTM D6730	5 mL AGA (8/pk)	\$679.06
RM_MG_ASTM D6839_5 mL	Hydrocarbon Type	MG	ASTM D6839	5 mL AGA (8/pk)	\$554.58
RM_RFG_ASTM D6839_5 mL	Hydrocarbon Type	RFG	ASTM D6839	5 mL AGA (8/pk)	\$684.99
RM_MG_ASTM D8071_5 mL	Hydrocarbon Type	MG	ASTM D8071	5 mL AGA (8/pk)	\$564.58
RM_RFG_ASTM D8071_5 mL	Hydrocarbon Type	RFG	ASTM D8071	5 mL AGA (8/pk)	\$694.99







## DISTILLATION REFERENCE MATERIALS



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ASTM offers a wide selection of reference materials to validate distillation measurement systems using atmospheric, vacuum, micro, simulated, and high-temperature simulated methodologies. Our distillation reference materials are in sample matrices similar to those your laboratory tests, rather than synthetic blends of multiple pure components, offering confidence for real-world testing of wide boiling ranges. Confirm instrument performance and analyst technique with our catalog of reference materials with ARVs covering the boiling range of typical petroleum and refined products, and the narrow boiling range of high purity chemicals:

- Crude Oil - IBP from 30 °C to 72 °C and FBPs from 709 °C to 720 °C; by ASTM D7169
- Gas Oil - IBP from 110 °C to 393 °C and FBPs from 448 °C to 695 °C; by ASTM D1160, D6352, and D7169
- Biodiesel - IBP from 290 °C to 327 °C and FBPs from 355 °C to 384 °C; by ASTM D1160
- Base Oil - IBP from 302 °C to 426 °C and FBPs from 411 °C to 590 °C; by ASTM D2887
- Diesel Fuel - IBP from 102 °C to 171 °C and FBPs from 336 °C to 415 °C; by ASTM D86, D2887, and D7345
- Jet Fuel - IBP from 95 °C to 165 °C and FBPs from 250 °C to 329 °C; by ASTM D86, D2887, and D7345
- Gasoline - IBP from 28 °C to 44 °C and FBPs from 175 °C to 266 °C; by D86 and D7345
- Naphtha - IBP from 33 °C to 127 °C and FBPs from 127 °C to 230 °C; by D86
- P-Xylene – 50 % DP 138.3 °C; by D850





## DISTILLATION REFERENCE MATERIALS

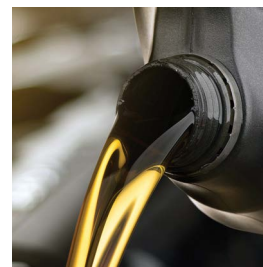


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Product Code	Property	Matrix	Test Method	Container	Price
RM_BIOD_ASTM D1160_250 mL	Distillation	BIOD	ASTM D1160	250 mL AIB	\$335.14
RM_GGO_ASTM D1160_250 mL	Distillation	GGO	ASTM D1160	250 mL AIB	\$310.69
RM_DF_ASTM D7345_125 mL	Distillation	DF	ASTM D7345	125 mL AIB	\$305.32
RM_F24_ASTM D7345_125 mL	Distillation	F24	ASTM D7345	125 mL AIB	\$455.09
RM_JF_ASTM D7345_125 mL	Distillation	JF	ASTM D7345	125 mL AIB	\$340.17
RM_MG_ASTM D7345_125 mL	Distillation	MG	ASTM D7345	125 mL AIB	\$334.38
RM_PX_ASTM D850_250 mL	Distillation	PX	ASTM D850	250 mL AIB	\$345.00
RM_BDF_ASTM D86_250 mL	Distillation	BDF	ASTM D86	250 mL AIB	\$360.11
RM_DF_ASTM D86_250 mL	Distillation	DF	ASTM D86	250 mL AIB	\$348.14
RM_F24_ASTM D86_250 mL	Distillation	F24	ASTM D86	250 mL AIB	\$514.54
RM_JF_ASTM D86_250 mL	Distillation	JF	ASTM D86	250 mL AIB	\$386.85
RM_MG_ASTM D86_250 mL	Distillation	MG	ASTM D86	250 mL AIB	\$380.42
RM_NP_ASTM D86_250 mL	Distillation	NP	ASTM D86	250 mL AIB	\$447.90
RM_RFG_ASTM D86_250 mL	Distillation	RFG	ASTM D86	250 mL AIB	\$473.57
RM_BO_ASTM D2887_5 mL	Simulated Distillation	BO	ASTM D2887	5 mL AGA (8/pk)	\$553.53
RM_DF_ASTM D2887_5 mL	Simulated Distillation	DF	ASTM D2887	5 mL AGA (8/pk)	\$519.39
RM_GGO_ASTM D2887_5 mL	Simulated Distillation	GGO	ASTM D2887	5 mL AGA (8/pk)	\$480.96
RM_JF_ASTM D2887_5 mL	Simulated Distillation	JF	ASTM D2887	5 mL AGA (8/pk)	\$573.59
RM_NP_ASTM D2887_5 mL	Simulated Distillation	NP	ASTM D2887	5 mL AGA (8/pk)	\$659.06
RM_GGO_ASTM D6352_5 mL	Simulated Distillation	GGO	ASTM D6352	5 mL AGA (8/pk)	\$480.96
RM_MG_ASTM D7096_5 mL	Simulated Distillation	MG	ASTM D7096	5 mL AGA (8/pk)	\$564.58
RM_CO_ASTM D7169_125 mL	Simulated Distillation	CO	ASTM D7169	125 mL AIB	\$440.53
RM_GGO_ASTM D7169_125 mL	Simulated Distillation	GGO	ASTM D7169	125 mL AIB	\$370.62
RM_BO_ASTM D7500_5 mL	Simulated Distillation	BO	ASTM D7500	5 mL AGA (8/pk)	\$553.53



## FLOW PROPERTIES REFERENCE MATERIALS



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Introduce highly accurate reference materials with very low uncertainty estimates into your quality system to validate cold flow property measurement systems. ASTM's reference materials for cloud point, pour point, cold filter plugging point, and freeze point offer robust ARVs across the wide range of flow temperatures for major petroleum products and popular manual and automated methods:

- Cloud Point – ASTM D2500, D5771, D5773 – in diesel fuel and biodiesel from 0 °C to -27 °C
- Pour Point – ASTM D97, D5853, D5949, D5950, D7346 – in crude, fuel oil, gas oil, diesel fuel, lubricants, and other oils from +28 °C to -65 °C
- Cold Filter Plugging Point – ASTM D6371 – in diesel fuel and biodiesel from -4 °C to -29 °C
- Freeze Point – ASTM D2386, D5972, D7153 – in jet fuel from -43 °C to -76 °C

Product Code	Property	Matrix	Test Method	Container	Price
RM_BDF_ASTM D2500_250 mL	Cloud Point	BDF	ASTM D2500	250 mL AIB	\$340.11
RM_BDF_ASTM D5771_250 mL	Cloud Point	BDF	ASTM D5771	250 mL AIB	\$345.11
RM_BDF_ASTM D5773_125 mL	Cloud Point	BDF	ASTM D5773	125 mL AIB	\$311.10
RM_BIOD_ASTM D2500_250 mL	Cloud Point	BIOD	ASTM D2500	250 mL AIB	\$325.14
RM_BIOD_ASTM D5771_250 mL	Cloud Point	BIOD	ASTM D5771	250 mL AIB	\$330.14
RM_BIOD_ASTM D5773_125 mL	Cloud Point	BIOD	ASTM D5773	125 mL AIB	\$297.63
RM_BIOD_ASTM D7397_125 mL	Cloud Point	BIOD	ASTM D7397	125 mL AIB	\$292.63
RM_DF_ASTM D2500_250 mL	Cloud Point	DF	ASTM D2500	250 mL AIB	\$328.14
RM_DF_ASTM D5771_250 mL	Cloud Point	DF	ASTM D5771	250 mL AIB	\$333.14
RM_DF_ASTM D5773_125 mL	Cloud Point	DF	ASTM D5773	125 mL AIB	\$300.32
RM_DF_ASTM D7689_125 mL	Cloud Point	DF	ASTM D7689	125 mL AIB	\$295.32
RM_BDF_ASTM D6371_125 mL	Cold Filter Plugging Point	BDF	ASTM D6371	125 mL AIB	\$306.10
RM_BIOD_ASTM D6371_125 mL	Cold Filter Plugging Point	BIOD	ASTM D6371	125 mL AIB	\$292.63
RM_DF_ASTM D6371_125 mL	Cold Filter Plugging Point	DF	ASTM D6371	125 mL AIB	\$295.32
RM_EC_ASTM D1177_250 mL	Freeze Point	EC	ASTM D1177	250 mL AIB	\$242.29
RM_EC_ASTM D3321_125 mL	Freeze Point	EC	ASTM D3321	125 mL AIB	\$218.06
RM_F24_ASTM D2386_125 mL	Freeze Point	F24	ASTM D2386	125 mL AIB	\$445.09
RM_F24_ASTM D5972_125 mL	Freeze Point	F24	ASTM D5972	125 mL AIB	\$445.09
RM_F24_ASTM D7153_125 mL	Freeze Point	F24	ASTM D7153	125 mL AIB	\$445.09
RM_JF_ASTM D2386_125 mL	Freeze Point	JF	ASTM D2386	125 mL AIB	\$330.17
RM_JF_ASTM D5972_125 mL	Freeze Point	JF	ASTM D5972	125 mL AIB	\$330.17
RM_JF_ASTM D7153_125 mL	Freeze Point	JF	ASTM D7153	125 mL AIB	\$330.17
RM_BDF_ASTM D5950_250 mL	Pour Point	BDF	ASTM D5950	250 mL AIB	\$340.11
RM_BO_ASTM D5949_125 mL	Pour Point	BO	ASTM D5949	125 mL AIB	\$317.27
RM_BO_ASTM D5950_250 mL	Pour Point	BO	ASTM D5950	250 mL AIB	\$352.52
RM_BO_ASTM D6749_125 mL	Pour Point	BO	ASTM D6749	125 mL AIB	\$317.27
RM_BO_ASTM D97_250 mL	Pour Point	BO	ASTM D97	250 mL AIB	\$362.52



# FLOW PROPERTIES REFERENCE MATERIALS



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Product Code	Property	Matrix	Test Method	Container	Price
RM_CO_ASTM D5853_125 mL	Pour Point	CO	ASTM D5853	125 mL AIB	\$340.53
RM_CO_ASTM D97_250 mL	Pour Point	CO	ASTM D97	250 mL AIB	\$388.37
RM_DF_ASTM D5949_125 mL	Pour Point	DF	ASTM D5949	125 mL AIB	\$295.32
RM_DF_ASTM D5950_250 mL	Pour Point	DF	ASTM D5950	250 mL AIB	\$328.14
RM_DF_ASTM D7346_125 mL	Pour Point	DF	ASTM D7346	125 mL AIB	\$305.32
RM_DF_ASTM D97_250 mL	Pour Point	DF	ASTM D97	250 mL AIB	\$338.14
RM_FO_ASTM D5853_125 mL	Pour Point	FO	ASTM D5853	125 mL AIB	\$316.63
RM_FO_ASTM D5950_250 mL	Pour Point	FO	ASTM D5950	250 mL AIB	\$351.82
RM_FO_ASTM D97_250 mL	Pour Point	FO	ASTM D97	250 mL AIB	\$361.82
RM_GGO_ASTM D5950_250 mL	Pour Point	GGO	ASTM D5950	250 mL AIB	\$300.69
RM_GGO_ASTM D97_250 mL	Pour Point	GGO	ASTM D97	250 mL AIB	\$310.69
RM_GO_ASTM D5949_125 mL	Pour Point	GO	ASTM D5949	125 mL AIB	\$332.48
RM_GO_ASTM D5950_250 mL	Pour Point	GO	ASTM D5950	250 mL AIB	\$369.42
RM_GO_ASTM D97_250 mL	Pour Point	GO	ASTM D97	250 mL AIB	\$379.42
RM_HFO_ASTM D5949_125 mL	Pour Point	HFO	ASTM D5949	125 mL AIB	\$292.63
RM_HFO_ASTM D5950_250 mL	Pour Point	HFO	ASTM D5950	250 mL AIB	\$325.14
RM_HFO_ASTM D97_250 mL	Pour Point	HFO	ASTM D97	250 mL AIB	\$335.14
RM_IFQ_ASTM D5950_250 mL	Pour Point	IFQ	ASTM D5950	250 mL AIB	\$335.29
RM_IFQ_ASTM D97_250 mL	Pour Point	IFQ	ASTM D97	250 mL AIB	\$345.29
RM_IGO_ASTM D97_250 mL	Pour Point	IGO	ASTM D97	250 mL AIB	\$511.60
RM_LU_ASTM D5949_125 mL	Pour Point	LU	ASTM D5949	125 mL AIB	\$289.91
RM_LU_ASTM D5950_250 mL	Pour Point	LU	ASTM D5950	250 mL AIB	\$322.12
RM_LU_ASTM D6749_125 mL	Pour Point	LU	ASTM D6749	125 mL AIB	\$289.91
RM_LU_ASTM D7346_125 mL	Pour Point	LU	ASTM D7346	125 mL AIB	\$299.91
RM_LU_ASTM D97_250 mL	Pour Point	LU	ASTM D97	250 mL AIB	\$332.12
RM_TO_ASTM D5949_125 mL	Pour Point	TO	ASTM D5949	125 mL AIB	\$379.83
RM_TO_ASTM D5950_250 mL	Pour Point	TO	ASTM D5950	250 mL AIB	\$422.03
RM_TO_ASTM D7346_125 mL	Pour Point	TO	ASTM D7346	125 mL AIB	\$389.83
RM_TO_ASTM D97_250 mL	Pour Point	TO	ASTM D97	250 mL AIB	\$432.03



# AVIATION JET FUEL REFERENCE MATERIALS



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ASTM’s reference materials for jet fuel are available for hard-to-find parameters, with accepted reference values in ranges typical of the fuel tested in commercial laboratories. Our jet fuel reference materials come with reliable ARVs and low estimated uncertainties based on test results from labs across the globe. Key jet fuel reference materials we offer are:

- ASTM D3241 – JFTOT Tube Deposit Thickness – 8 nm to 80 nm
- ASTM D3948 – MSEP Rating – 90 to 99
- ASTM D1322 – Smoke Point – 18 mm to 27 mm
- ASTM D5001 – BOCLE Wear Scar Diameter – 0.55 mm to 0.77 mm
- ASTM D6379 – Aromatics by HPLC – 14 vol% to 23 vol%

Product Code	Property	Matrix	Test Method	Container	Price
RM_JF_ASTM D3242_250 mL	Acid Number / Base Number	JF	ASTM D3242	250 mL AIB	\$366.85
RM_JF_ASTM D6379_20 mL	Aromatics	JF	ASTM D6379	20 mL AGA (4/pk)	\$413.54
RM_JF_ASTM D8267_5 mL	Aromatics	JF	ASTM D8267	5 mL AGA (8/pk)	\$523.59
RM_JF_ASTM D156_125 mL	Color	JF	ASTM D156	125 mL AIB	\$330.17
RM_JF_ASTM D6045_250 mL	Color	JF	ASTM D6045	250 mL AIB	\$371.85
RM_JF_ASTM D130_4 oz	Corrosion	JF	ASTM D130	4 oz AGB	\$330.17
RM_JF_ASTM D1298_1L	Density (Gravity)	JF	ASTM D1298	1 L AIB	\$476.91
RM_JF_ASTM D4052_125 mL	Density (Gravity)	JF	ASTM D4052	125 mL AIB	\$330.17
RM_JF_ASTM D7345_125 mL	Distillation	JF	ASTM D7345	125 mL AIB	\$340.17
RM_JF_ASTM D86_250 mL	Distillation	JF	ASTM D86	250 mL AIB	\$386.85
RM_JF_ASTM D3828_125 mL	Flash Point	JF	ASTM D3828	125 mL AIB	\$330.17
RM_JF_ASTM D56_125 mL	Flash Point	JF	ASTM D56	125 mL AIB	\$330.17
RM_JF_ASTM D93_250 mL	Flash Point	JF	ASTM D93	250 mL AIB	\$366.85
RM_F24_ASTM D4176_1L	Free Water and Particulate	F24	ASTM D4176	1 L AIB	\$642.90
RM_JF_ASTM D2386_125 mL	Freeze Point	JF	ASTM D2386	125 mL AIB	\$330.17
RM_JF_ASTM D5972_125 mL	Freeze Point	JF	ASTM D5972	125 mL AIB	\$330.17
RM_JF_ASTM D7153_125 mL	Freeze Point	JF	ASTM D7153	125 mL AIB	\$330.17
RM_JF_ASTM D5006_250 mL	Fuel System Icing Inhibitor	JF	ASTM D5006	250 mL AIB	\$366.85
RM_JF_IP 540_125 mL	Gum Content	JF	IP 540	125 mL AIB	\$330.17
RM_JF_ASTM D4809_125 mL	Heat of Combustion	JF	ASTM D4809	125 mL AIB	\$335.17
RM_JF_ASTM D1319_5 mL	Hydrocarbon Type	JF	ASTM D1319	5 mL AGA (8/pk)	\$523.59
RM_JF_ASTM D3701_125 mL	Hydrogen	JF	ASTM D3701	125 mL AIB	\$330.17
RM_JF_ASTM D5001_4 oz	Lubricity	JF	ASTM D5001	4 oz AGB	\$330.17
RM_JF_ASTM D1840_5 mL	Naphthalenes	JF	ASTM D1840	5 mL AGA (8/pk)	\$513.59
RM_F24_ASTM D5452_1G	Particulate	F24	ASTM D5452	1G ELSC	\$989.08
RM_JF_ASTM D2887_5 mL	Simulated Distillation	JF	ASTM D2887	5 mL AGA (8/pk)	\$573.59
RM_JF_ASTM D1322_125 mL	Smoke Point	JF	ASTM D1322	125 mL AIB	\$330.17



# AVIATION JET FUEL REFERENCE MATERIALS



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Product Code	Property	Matrix	Test Method	Container	Price
RM_JF_ASTMD3241_32 oz	Stability - Thermal	JF	ASTM D3241	32 oz AGB	\$481.91
RM_JF_ASTMD2622_4 oz	Sulfur	JF	ASTM D2622	4 oz AGB	\$330.17
RM_JF_ASTMD3227_250 mL	Sulfur	JF	ASTM D3227	250 mL AIB	\$366.85
RM_JF_ASTMD4294_4 oz	Sulfur	JF	ASTM D4294	4 oz AGB	\$330.17
RM_F24_ASTMD4952_4 oz	Sulfur	F24	ASTM D4952	4 oz AGB	\$445.09
RM_JF_ASTMD5453_4 oz	Sulfur	JF	ASTM D5453	4 oz AGB	\$330.17
RM_JF_ASTMD7039_4 oz	Sulfur	JF	ASTM D7039	4 oz AGB	\$330.17
RM_JF_ASTMD445_125 mL	Viscosity	JF	ASTM D445	125 mL AIB	\$330.17
RM_JF_ASTMD7042_125 mL	Viscosity	JF	ASTM D7042	125 mL AIB	\$330.17
RM_F24_ASTMD1094_125 mL	Water Reaction	F24	ASTM D1094	125 mL AIB	\$450.09
RM_JF_ASTMD3948_8 oz	Water Separation	JF	ASTM D3948	8 oz AGB	\$366.85
RM_JF_ASTMD7224_8 oz	Water Separation	JF	ASTM D7224	8 oz AGB	\$366.85





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Product Code	Property	Matrix	Test Method	Container	Price
RM_ALA_ASTM D664_125 mL	Acid Number / Base Number	ALA	ASTM D664	125 mL AIB	\$309.78
RM_ALA_ASTM D2896_125 mL	Acid Number / Base Number	ALA	ASTM D2896	125 mL AIB	\$309.78
RM_ALA_ASTM D4739_125 mL	Acid Number / Base Number	ALA	ASTM D4739	125 mL AIB	\$309.78
RM_ATF_ASTM D664_125 mL	Acid Number / Base Number	ATF	ASTM D664	125 mL AIB	\$310.15
RM_ATF_ASTM D974_125 mL	Acid Number / Base Number	ATF	ASTM D974	125 mL AIB	\$315.15
RM_ATF_ASTM D2896_125 mL	Acid Number / Base Number	ATF	ASTM D2896	125 mL AIB	\$310.15
RM_ATF_ASTM D4739_125 mL	Acid Number / Base Number	ATF	ASTM D4739	125 mL AIB	\$310.15
RM_BIOD_ASTM D974_125 mL	Acid Number / Base Number	BIOD	ASTM D974	125 mL AIB	\$297.63
RM_BO_ASTM D664_125 mL	Acid Number / Base Number	BO	ASTM D664	125 mL AIB	\$317.27
RM_CO_ASTM D664_125 mL	Acid Number / Base Number	CO	ASTM D664	125 mL AIB	\$340.53
RM_CO_ASTM D8045_125 mL	Acid Number / Base Number	CO	ASTM D8045	125 mL AIB	\$340.53
RM_DF_ASTM D664_125 mL	Acid Number / Base Number	DF	ASTM D664	125 mL AIB	\$295.32
RM_ETOH_ASTM D1613_125 mL	Acid Number / Base Number	ETOH	ASTM D1613	125 mL AIB	\$381.81
RM_ETOH_ASTM D7795_125 mL	Acid Number / Base Number	ETOH	ASTM D7795	125 mL AIB	\$381.81
RM_F24_ASTM D3242_250 mL	Acid Number / Base Number	F24	ASTM D3242	250 mL AIB	\$494.54
RM_FO_ASTM D664_125 mL	Acid Number / Base Number	FO	ASTM D664	125 mL AIB	\$316.63
RM_GGO_ASTM D664_125 mL	Acid Number / Base Number	GGO	ASTM D664	125 mL AIB	\$270.62
RM_HFO_ASTM D664_125 mL	Acid Number / Base Number	HFO	ASTM D664	125 mL AIB	\$292.63
RM_HFO_ASTM D974_125 mL	Acid Number / Base Number	HFO	ASTM D974	125 mL AIB	\$297.63
RM_HFO_ASTM D2896_125 mL	Acid Number / Base Number	HFO	ASTM D2896	125 mL AIB	\$292.63
RM_HFO_ASTM D4739_125 mL	Acid Number / Base Number	HFO	ASTM D4739	125 mL AIB	\$292.63
RM_IFQ_ASTM D664_125 mL	Acid Number / Base Number	IFQ	ASTM D664	125 mL AIB	\$301.76
RM_IFQ_ASTM D974_125 mL	Acid Number / Base Number	IFQ	ASTM D974	125 mL AIB	\$306.76
RM_IFQ_IEC 62021-1_125 mL	Acid Number / Base Number	IFQ	IEC 62021-1	125 mL AIB	\$301.76
RM_IFQ_IEC 62021-2_125 mL	Acid Number / Base Number	IFQ	IEC 62021-2	125 mL AIB	\$301.76
RM_IHFO_ASTM D664_125 mL	Acid Number / Base Number	IHFO	ASTM D664	125 mL AIB	\$487.50
RM_IHFO_ASTM D974_125 mL	Acid Number / Base Number	IHFO	ASTM D974	125 mL AIB	\$492.50
RM_IHFO_ASTM D2896_125 mL	Acid Number / Base Number	IHFO	ASTM D2896	125 mL AIB	\$487.50
RM_IHFO_ASTM D4739_125 mL	Acid Number / Base Number	IHFO	ASTM D4739	125 mL AIB	\$487.50
RM_ISDO_ASTM D664_125 mL	Acid Number / Base Number	ISDO	ASTM D664	125 mL AIB	\$496.13
RM_ISDO_ASTM D2896_125 mL	Acid Number / Base Number	ISDO	ASTM D2896	125 mL AIB	\$496.13
RM_ISDO_ASTM D4739_125 mL	Acid Number / Base Number	ISDO	ASTM D4739	125 mL AIB	\$496.13
RM_JF_ASTM D3242_250 mL	Acid Number / Base Number	JF	ASTM D3242	250 mL AIB	\$366.85
RM_LU_ASTM D664_125 mL	Acid Number / Base Number	LU	ASTM D664	125 mL AIB	\$289.91
RM_LU_ASTM D974_125 mL	Acid Number / Base Number	LU	ASTM D974	125 mL AIB	\$294.91
RM_LU_ASTM D2896_125 mL	Acid Number / Base Number	LU	ASTM D2896	125 mL AIB	\$289.91
RM_LU_ASTM D4739_125 mL	Acid Number / Base Number	LU	ASTM D4739	125 mL AIB	\$289.91
RM_MX_ASTM D847_250 mL	Acid Number / Base Number	MX	ASTM D847	250 mL AIB	\$330.00
RM_TO_ASTM D974_125 mL	Acid Number / Base Number	TO	ASTM D974	125 mL AIB	\$384.83



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Product Code	Property	Matrix	Test Method	Container	Price
RM_HFO_ASTM D3427_250 mL	Air Release	HFO	ASTM D3427	250 mL AIB	\$325.14
RM_TO_ASTM D3427_250 mL	Air Release	TO	ASTM D3427	250 mL AIB	\$422.03
RM_EC_ASTM D1121_125 mL	Alkalinity	EC	ASTM D1121	125 mL AIB	\$218.06
RM_BO_ASTM D611_125 mL	Aniline Point	BO	ASTM D611	125 mL AIB	\$317.27
RM_GGO_ASTM D611_125 mL	Aniline Point	GGO	ASTM D611	125 mL AIB	\$270.62
RM_IFQ_ASTM D611_125 mL	Aniline Point	IFQ	ASTM D611	125 mL AIB	\$301.76
RM_IHFO_ASTM D2982_125 mL	Antifreeze Contamination	IHFO	ASTM D2982	125 mL AIB	\$487.50
RM_ISDO_ASTM D2982_125 mL	Antifreeze Contamination	ISDO	ASTM D2982	125 mL AIB	\$496.13
RM_TO_ASTM D6810_125 mL	Antioxidants	TO	ASTM D6810	125 mL AIB	\$379.83
RM_TO_ASTM D6971_125 mL	Antioxidants	TO	ASTM D6971	125 mL AIB	\$384.83
RM_BO_ASTM D2007_125 mL	Aromatics	BO	ASTM D2007	125 mL AIB	\$327.27
RM_DF_ASTM D5186_5 mL	Aromatics	DF	ASTM D5186	5 mL AGA (8/pk)	\$469.39
RM_DF_ASTM D6591_10 mL	Aromatics	DF	ASTM D6591	10 mL AGA (8/pk)	\$479.39
RM_JF_ASTM D6379_20 mL	Aromatics	JF	ASTM D6379	20 mL AGA (4/pk)	\$413.54
RM_JF_ASTM D8267_5 mL	Aromatics	JF	ASTM D8267	5 mL AGA (8/pk)	\$523.59
RM_MG_ASTM D5580_20 mL	Aromatics	MG	ASTM D5580	20 mL AGA (4/pk)	\$406.46
RM_MG_ASTM D5769_20 mL	Aromatics	MG	ASTM D5769	20 mL AGA (4/pk)	\$406.46
RM_RFG_ASTM D5580_20 mL	Aromatics	RFG	ASTM D5580	20 mL AGA (4/pk)	\$508.92
RM_RFG_ASTM D5769_20 mL	Aromatics	RFG	ASTM D5769	20 mL AGA (4/pk)	\$508.92
RM_ALA_ASTM D482_250 mL	Ash	ALA	ASTM D482	250 mL AIB	\$344.20
RM_ALA_ASTM D874_250 mL	Ash	ALA	ASTM D874	250 mL AIB	\$344.20
RM_BDF_ASTM D482_250 mL	Ash	BDF	ASTM D482	250 mL AIB	\$340.11
RM_BIOD_ASTM D482_250 mL	Ash	BIOD	ASTM D482	250 mL AIB	\$325.14
RM_BIOD_ASTM D874_250 mL	Ash	BIOD	ASTM D874	250 mL AIB	\$325.14
RM_BO_ASTM D482_250 mL	Ash	BO	ASTM D482	250 mL AIB	\$352.52
RM_DF_ASTM D482_250 mL	Ash	DF	ASTM D482	250 mL AIB	\$328.14
RM_EC_ASTM D1119_125 mL	Ash	EC	ASTM D1119	125 mL AIB	\$218.06
RM_FO_ASTM D482_250 mL	Ash	FO	ASTM D482	250 mL AIB	\$351.82
RM_GGO_ASTM D482_250 mL	Ash	GGO	ASTM D482	250 mL AIB	\$300.69
RM_GO_ASTM D874_250 mL	Ash	GO	ASTM D874	250 mL AIB	\$369.42
RM_LU_ASTM D874_250 mL	Ash	LU	ASTM D874	250 mL AIB	\$322.12
RM_MG_ASTM D3606_125 mL	Benzene	MG	ASTM D3606	125 mL AIB	\$329.38
RM_RFG_ASTM D3606_125 mL	Benzene	RFG	ASTM D3606	125 mL AIB	\$413.21
RM_EC_ASTM D1120_125 mL	Boiling Point	EC	ASTM D1120	125 mL AIB	\$218.06
RM_PX_ASTM D1492_125 mL	Bromine Index	PX	ASTM D1492	125 mL AIB	\$247.50
RM_PX_ASTM D5776_125 mL	Bromine Index	PX	ASTM D5776	125 mL AIB	\$247.50
RM_GGO_ASTM D1159_125 mL	Bromine Number	GGO	ASTM D1159	125 mL AIB	\$270.62
RM_NP_ASTM D1159_125 mL	Bromine Number	NP	ASTM D1159	125 mL AIB	\$385.11
RM_BDF_ASTM D524_125 mL	Carbon Residue	BDF	ASTM D524	125 mL AIB	\$311.10





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Product Code	Property	Matrix	Test Method	Container	Price
RM_BIOD_ASTM D189_125 mL	Carbon Residue	BIOD	ASTM D189	125 mL AIB	\$297.63
RM_BO_ASTM D189_125 mL	Carbon Residue	BO	ASTM D189	125 mL AIB	\$322.27
RM_BO_ASTM D524_125 mL	Carbon Residue	BO	ASTM D524	125 mL AIB	\$322.27
RM_CO_ASTM D4530_125 mL	Carbon Residue	CO	ASTM D4530	125 mL AIB	\$345.53
RM_DF_ASTM D189_125 mL	Carbon Residue	DF	ASTM D189	125 mL AIB	\$300.32
RM_DF_ASTM D524_125 mL	Carbon Residue	DF	ASTM D524	125 mL AIB	\$300.32
RM_DF_ASTM D4530_125 mL	Carbon Residue	DF	ASTM D4530	125 mL AIB	\$300.32
RM_FO_ASTM D189_125 mL	Carbon Residue	FO	ASTM D189	125 mL AIB	\$321.63
RM_FO_ASTM D524_125 mL	Carbon Residue	FO	ASTM D524	125 mL AIB	\$321.63
RM_FO_ASTM D4530_125 mL	Carbon Residue	FO	ASTM D4530	125 mL AIB	\$321.63
RM_GGO_ASTM D189_125 mL	Carbon Residue	GGO	ASTM D189	125 mL AIB	\$275.62
RM_GGO_ASTM D4530_125 mL	Carbon Residue	GGO	ASTM D4530	125 mL AIB	\$275.62
RM_DF_ASTM D613_1L	Cetane Number	DF	ASTM D613	1L AIB	\$482.63
RM_DF_ASTM D6890_250 mL	Cetane Number, Derived	DF	ASTM D6890	250 mL AIB	\$328.14
RM_DF_ASTM D7668_500 mL	Cetane Number, Derived	DF	ASTM D7668	500 mL AIB	\$445.50
RM_CO_ASTM D4929_1L	Chloride	CO	ASTM D4929	1L AIB	\$756.74
RM_EC_ASTM D3634_125 mL	Chloride	EC	ASTM D3634	125 mL AIB	\$218.06
RM_MX_ASTM D5808_125 mL	Chloride	MX	ASTM D5808	125 mL AIB	\$247.50
RM_MX_ASTM D7536_125 mL	Chloride	MX	ASTM D7536	125 mL AIB	\$247.50
RM_FO_ASTM D4740_250 mL	Cleanliness / Compatibility	FO	ASTM D4740	250 mL AIB	\$351.82
RM_BDF_ASTM D2500_250 mL	Cloud Point	BDF	ASTM D2500	250 mL AIB	\$340.11
RM_BDF_ASTM D5771_250 mL	Cloud Point	BDF	ASTM D5771	250 mL AIB	\$345.11
RM_BDF_ASTM D5773_125 mL	Cloud Point	BDF	ASTM D5773	125 mL AIB	\$311.10
RM_BIOD_ASTM D2500_250 mL	Cloud Point	BIOD	ASTM D2500	250 mL AIB	\$325.14
RM_BIOD_ASTM D5771_250 mL	Cloud Point	BIOD	ASTM D5771	250 mL AIB	\$330.14
RM_BIOD_ASTM D5773_125 mL	Cloud Point	BIOD	ASTM D5773	125 mL AIB	\$297.63
RM_BIOD_ASTM D7397_125 mL	Cloud Point	BIOD	ASTM D7397	125 mL AIB	\$292.63
RM_DF_ASTM D2500_250 mL	Cloud Point	DF	ASTM D2500	250 mL AIB	\$328.14
RM_DF_ASTM D5771_250 mL	Cloud Point	DF	ASTM D5771	250 mL AIB	\$333.14
RM_DF_ASTM D5773_125 mL	Cloud Point	DF	ASTM D5773	125 mL AIB	\$300.32
RM_DF_ASTM D7689_125 mL	Cloud Point	DF	ASTM D7689	125 mL AIB	\$295.32
RM_BDF_ASTM D6371_125 mL	Cold Filter Plugging Point	BDF	ASTM D6371	125 mL AIB	\$306.10
RM_BIOD_ASTM D6371_125 mL	Cold Filter Plugging Point	BIOD	ASTM D6371	125 mL AIB	\$292.63
RM_DF_ASTM D6371_125 mL	Cold Filter Plugging Point	DF	ASTM D6371	125 mL AIB	\$295.32
RM_BIOD_ASTM D7501_500 mL	Cold Soak Filtration	BIOD	ASTM D7501	500 mL AIB	\$390.17
RM_ATF_ASTM D1500_125 mL	Color	ATF	ASTM D1500	125 mL AIB	\$310.15
RM_BO_ASTM D1500_125 mL	Color	BO	ASTM D1500	125 mL AIB	\$317.27
RM_BO_ASTM D6045_250 mL	Color	BO	ASTM D6045	250 mL AIB	\$357.52



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Product Code	Property	Matrix	Test Method	Container	Price
RM_DF_ASTM D1500_125 mL	Color	DF	ASTM D1500	125 mL AIB	\$295.32
RM_DF_ASTM D6045_250 mL	Color	DF	ASTM D6045	250 mL AIB	\$333.14
RM_F24_ASTM D156_125 mL	Color	F24	ASTM D156	125 mL AIB	\$445.09
RM_F24_ASTM D6045_250 mL	Color	F24	ASTM D6045	250 mL AIB	\$499.54
RM_GGO_ASTM D1500_125 mL	Color	GGO	ASTM D1500	125 mL AIB	\$270.62
RM_GGO_ASTM D6045_250 mL	Color	GGO	ASTM D6045	250 mL AIB	\$305.69
RM_IFQ_ASTM D1500_125 mL	Color	IFQ	ASTM D1500	125 mL AIB	\$301.76
RM_JF_ASTM D156_125 mL	Color	JF	ASTM D156	125 mL AIB	\$330.17
RM_JF_ASTM D6045_250 mL	Color	JF	ASTM D6045	250 mL AIB	\$371.85
RM_LU_ASTM D1500_125 mL	Color	LU	ASTM D1500	125 mL AIB	\$289.91
RM_LU_ASTM D6045_250 mL	Color	LU	ASTM D6045	250 mL AIB	\$327.12
RM_MX_ASTM D848_125 mL	Color	MX	ASTM D848	125 mL AIB	\$247.50
RM_MX_ASTM D1209_250 mL	Color	MX	ASTM D1209	250 mL AIB	\$330.00
RM_MX_ASTM D5386_250 mL	Color	MX	ASTM D5386	250 mL AIB	\$330.00
RM_NP_ASTM D6045_250 mL	Color	NP	ASTM D6045	250 mL AIB	\$432.90
RM_WX_ASTM D156_125 mL	Color	WX	ASTM D156	125 mL AIB	\$273.35
RM_WX_ASTM D1500_125 mL	Color	WX	ASTM D1500	125 mL AIB	\$273.35
RM_WX_ASTM D6045_250 mL	Color	WX	ASTM D6045	250 mL AIB	\$308.72
RM_BDF_ASTM D2624_8 oz	Conductivity	BDF	ASTM D2624	8 oz AGB	\$340.11
RM_DF_ASTM D2624_8 oz	Conductivity	DF	ASTM D2624	8 oz AGB	\$328.14
RM_WX_ASTM D938_4 oz	Congealing Point	WX	ASTM D938	4 oz ELPC	\$273.35
RM_ATF_ASTM D130_4 oz	Corrosion	ATF	ASTM D130	4 oz AGB	\$310.15
RM_ATF_ASTM D665_16 oz	Corrosion	ATF	ASTM D665	16 oz AGB	\$413.53
RM_BDF_ASTM D130_4 oz	Corrosion	BDF	ASTM D130	4 oz AGB	\$306.10
RM_BIOD_ASTM D130_4 oz	Corrosion	BIOD	ASTM D130	4 oz AGB	\$292.63
RM_BO_ASTM D130_4 oz	Corrosion	BO	ASTM D130	4 oz AGB	\$317.27
RM_DF_ASTM D130_4 oz	Corrosion	DF	ASTM D130	4 oz AGB	\$295.32
RM_EC_ASTM D1384_32 oz	Corrosion	EC	ASTM D1384	32 oz AGB	\$339.98
RM_EC_ASTM D4340_16 oz	Corrosion	EC	ASTM D4340	16 oz AGB	\$290.75
RM_F24_ASTM D130_4 oz	Corrosion	F24	ASTM D130	4 oz AGB	\$445.09
RM_GO_ASTM D130_4 oz	Corrosion	GO	ASTM D130	4 oz AGB	\$332.48
RM_HFO_ASTM D130_4 oz	Corrosion	HFO	ASTM D130	4 oz AGB	\$292.63
RM_HFO_ASTM D665_16 oz	Corrosion	HFO	ASTM D665	16 oz AGB	\$390.17
RM_IFQ_ASTM D1275_16 oz	Corrosion	IFQ	ASTM D1275	16 oz AGB	\$402.35
RM_IGO_ASTM D130_4 oz	Corrosion	IGO	ASTM D130	4 oz AGB	\$451.44
RM_IGO_ASTM D665_16 oz	Corrosion	IGO	ASTM D665	16 oz AGB	\$601.92
RM_JF_ASTM D130_4 oz	Corrosion	JF	ASTM D130	4 oz AGB	\$330.17
RM_LG_ASTM D1743_16 oz	Corrosion	LG	ASTM D1743	16 oz ELPC	\$450.23
RM_LG_ASTM D4048_8 oz	Corrosion	LG	ASTM D4048	8 oz ELPC	\$375.19



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Product Code	Property	Matrix	Test Method	Container	Price
RM_LG_ASTM D6138_4 oz	Corrosion	LG	ASTM D6138	4 oz ELPC	\$337.67
RM_MG_ASTM D130_4 oz	Corrosion	MG	ASTM D130	4 oz AGB	\$324.38
RM_MX_ASTM D849_16 oz	Corrosion	MX	ASTM D849	16 oz AGB	\$660.00
RM_NP_ASTM D130_4 oz	Corrosion	NP	ASTM D130	4 oz AGB	\$385.11
RM_TO_ASTM D130_4 oz	Corrosion	TO	ASTM D130	4 oz AGB	\$379.83
RM_TO_ASTM D665_16 oz	Corrosion	TO	ASTM D665	16 oz AGB	\$506.44
RM_IGO_ASTM D2711_500 mL	Demulsibility	IGO	ASTM D2711	500 mL AIB	\$611.92
RM_TO_ASTM D2711_500 mL	Demulsibility	TO	ASTM D2711	500 mL AIB	\$516.44
RM_EC_ASTM D7304_250 mL	Denatonium Ion	EC	ASTM D7304	250 mL AIB	\$242.29
RM_ALA_ASTM D4052_125 mL	Density (Gravity)	ALA	ASTM D4052	125 mL AIB	\$309.78
RM_ATF_ASTM D287_1L	Density (Gravity)	ATF	ASTM D287	1L AIB	\$447.99
RM_ATF_ASTM D1298_1L	Density (Gravity)	ATF	ASTM D1298	1L AIB	\$447.99
RM_ATF_ASTM D4052_125 mL	Density (Gravity)	ATF	ASTM D4052	125 mL AIB	\$310.15
RM_BDF_ASTM D1298_1L	Density (Gravity)	BDF	ASTM D1298	1L AIB	\$442.15
RM_BDF_ASTM D4052_125 mL	Density (Gravity)	BDF	ASTM D4052	125 mL AIB	\$306.10
RM_BIOD_ASTM D1298_1L	Density (Gravity)	BIOD	ASTM D1298	1L AIB	\$422.68
RM_BIOD_ASTM D4052_125 mL	Density (Gravity)	BIOD	ASTM D4052	125 mL AIB	\$292.63
RM_BO_ASTM D1298_1L	Density (Gravity)	BO	ASTM D1298	1L AIB	\$458.28
RM_BO_ASTM D4052_125 mL	Density (Gravity)	BO	ASTM D4052	125 mL AIB	\$317.27
RM_CO_ASTM D287_1L	Density (Gravity)	CO	ASTM D287	1L AIB	\$756.74
RM_CO_ASTM D1298_1L	Density (Gravity)	CO	ASTM D1298	1L AIB	\$756.74
RM_CO_ASTM D5002_125 mL	Density (Gravity)	CO	ASTM D5002	125 mL AIB	\$340.53
RM_DF_ASTM D1298_1L	Density (Gravity)	DF	ASTM D1298	1L AIB	\$426.58
RM_DF_ASTM D4052_125 mL	Density (Gravity)	DF	ASTM D4052	125 mL AIB	\$295.32
RM_DF_ASTM D7777_125 mL	Density (Gravity)	DF	ASTM D7777	125 mL AIB	\$295.32
RM_EC_ASTM D1122_1L	Density (Gravity)	EC	ASTM D1122	1L AIB	\$314.98
RM_EC_ASTM D5931_125 mL	Density (Gravity)	EC	ASTM D5931	125 mL AIB	\$218.06
RM_ETOH_ASTM D4052_125 mL	Density (Gravity)	ETOH	ASTM D4052	125 mL AIB	\$381.81
RM_F24_ASTM D1298_1L	Density (Gravity)	F24	ASTM D1298	1L AIB	\$642.90
RM_F24_ASTM D4052_125 mL	Density (Gravity)	F24	ASTM D4052	125 mL AIB	\$445.09
RM_FO_ASTM D287_1L	Density (Gravity)	FO	ASTM D287	1L AIB	\$457.36
RM_FO_ASTM D1298_1L	Density (Gravity)	FO	ASTM D1298	1L AIB	\$457.36
RM_GGO_ASTM D287_1L	Density (Gravity)	GGO	ASTM D287	1L AIB	\$390.89
RM_GGO_ASTM D4052_125 mL	Density (Gravity)	GGO	ASTM D4052	125 mL AIB	\$270.62
RM_GO_ASTM D287_1L	Density (Gravity)	GO	ASTM D287	1L AIB	\$480.24
RM_HFO_ASTM D4052_125 mL	Density (Gravity)	HFO	ASTM D4052	125 mL AIB	\$292.63
RM_IFQ_ASTM D1298_1L	Density (Gravity)	IFQ	ASTM D1298	1L AIB	\$435.88
RM_IFQ_ASTM D4052_125 mL	Density (Gravity)	IFQ	ASTM D4052	125 mL AIB	\$301.76
RM_IFQ_ISO 12185_125 mL	Density (Gravity)	IFQ	ISO 12185	125 mL AIB	\$301.76



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RM_JF_ASTM D1298_1L	Density (Gravity)	JF	ASTM D1298	1 L AIB	\$476.91
RM_JF_ASTM D4052_125 mL	Density (Gravity)	JF	ASTM D4052	125 mL AIB	\$330.17
RM_LU_ASTM D1298_1L	Density (Gravity)	LU	ASTM D1298	1 L AIB	\$418.75
RM_LU_ASTM D4052_125 mL	Density (Gravity)	LU	ASTM D4052	125 mL AIB	\$289.91
RM_MG_ASTM D1298_1L	Density (Gravity)	MG	ASTM D1298	1 L AIB	\$468.54
RM_MG_ASTM D4052_125 mL	Density (Gravity)	MG	ASTM D4052	125 mL AIB	\$324.38
RM_MX_ASTM D4052_125 mL	Density (Gravity)	MX	ASTM D4052	125 mL AIB	\$247.50
RM_NP_ASTM D1298_1L	Density (Gravity)	NP	ASTM D1298	1 L AIB	\$855.80
RM_NP_ASTM D4052_125 mL	Density (Gravity)	NP	ASTM D4052	125 mL AIB	\$385.11
RM_RFG_ASTM D287_1L	Density (Gravity)	RFG	ASTM D287	1 L AIB	\$907.13
RM_RFG_ASTM D1298_1L	Density (Gravity)	RFG	ASTM D1298	1 L AIB	\$907.13
RM_RFG_ASTM D4052_125 mL	Density (Gravity)	RFG	ASTM D4052	125 mL AIB	\$408.21
RM_WX_ASTM D1298_1L	Density (Gravity)	WX	ASTM D1298	1 L AIB	\$394.84
RM_WX_ASTM D4052_125 mL	Density (Gravity)	WX	ASTM D4052	125 mL AIB	\$273.35
RM_IFQ_ASTM D877_2.5 L	Dielectric Breakdown	IFQ	ASTM D877	2.5 L AIB	\$670.59
RM_IFQ_ASTM D1816_32 oz	Dielectric Breakdown	IFQ	ASTM D1816	32 oz AGB	\$440.88
RM_IFQ_IEC 60156_2.5 L	Dielectric Breakdown	IFQ	IEC 60156	2.5 L AIB	\$670.59
RM_BDF_ASTM D86_250 mL	Distillation	BDF	ASTM D86	250 mL AIB	\$360.11
RM_BIOD_ASTM D1160_250 mL	Distillation	BIOD	ASTM D1160	250 mL AIB	\$335.14
RM_DF_ASTM D86_250 mL	Distillation	DF	ASTM D86	250 mL AIB	\$348.14
RM_DF_ASTM D7345_125 mL	Distillation	DF	ASTM D7345	125 mL AIB	\$305.32
RM_F24_ASTM D86_250 mL	Distillation	F24	ASTM D86	250 mL AIB	\$514.54
RM_F24_ASTM D7345_125 mL	Distillation	F24	ASTM D7345	125 mL AIB	\$455.09
RM_GGO_ASTM D1160_250 mL	Distillation	GGO	ASTM D1160	250 mL AIB	\$310.69
RM_JF_ASTM D86_250 mL	Distillation	JF	ASTM D86	250 mL AIB	\$386.85
RM_JF_ASTM D7345_125 mL	Distillation	JF	ASTM D7345	125 mL AIB	\$340.17
RM_MG_ASTM D86_250 mL	Distillation	MG	ASTM D86	250 mL AIB	\$380.42
RM_MG_ASTM D7345_125 mL	Distillation	MG	ASTM D7345	125 mL AIB	\$334.38
RM_NP_ASTM D86_250 mL	Distillation	NP	ASTM D86	250 mL AIB	\$447.90
RM_PX_ASTM D850_250 mL	Distillation	PX	ASTM D850	250 mL AIB	\$345.00
RM_RFG_ASTM D86_250 mL	Distillation	RFG	ASTM D86	250 mL AIB	\$473.57
RM_RFG_ASTM D7345_125 mL	Distillation	RFG	ASTM D7345	125 mL AIB	\$418.21
RM_LG_ASTM D566_4 oz	Dropping Point	LG	ASTM D566	4 oz ELPC	\$337.67
RM_LG_ASTM D2265_4 oz	Dropping Point	LG	ASTM D2265	4 oz ELPC	\$337.67
RM_EC_ASTM D5827_250 mL	Elemental - Ions	EC	ASTM D5827	250 mL AIB	\$262.29
RM_ETOH_ASTM D7319_125 mL	Elemental - Ions	ETOH	ASTM D7319	125 mL AIB	\$391.81
RM_ETOH_ASTM D7328_125 mL	Elemental - Ions	ETOH	ASTM D7328	125 mL AIB	\$391.81
RM_MG_ASTM D3237_4 oz	Elemental - Lead	MG	ASTM D3237	4 oz AGB	\$324.38
RM_MG_ASTM D3231_125 mL	Elemental - Phosphorus	MG	ASTM D3231	125 mL AIB	\$324.38



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RM_ALA_ASTM D4951_4 oz	Elemental Analysis	ALA	ASTM D4951	4 oz AGB	\$349.78
RM_ALA_ASTM D5291_125 mL	Elemental Analysis	ALA	ASTM D5291	125 mL AIB	\$319.78
RM_ATF_ASTM D4951_4 oz	Elemental Analysis	ATF	ASTM D4951	4 oz AGB	\$350.15
RM_ATF_ASTM D5185_4 oz	Elemental Analysis	ATF	ASTM D5185	4 oz AGB	\$355.15
RM_BIOD_ASTM D4951_4 oz	Elemental Analysis	BIOD	ASTM D4951	4 oz AGB	\$332.63
RM_BIOD_ASTM D5185_4 oz	Elemental Analysis	BIOD	ASTM D5185	4 oz AGB	\$337.63
RM_BIOD_EN 14538_4 oz	Elemental Analysis	BIOD	EN 14538	4 oz AGB	\$297.63
RM_CO_ASTM D5708_4 oz	Elemental Analysis	CO	ASTM D5708	4 oz AGB	\$350.53
RM_CO_ASTM D5863_4 oz	Elemental Analysis	CO	ASTM D5863	4 oz AGB	\$350.53
RM_CO_ASTM D8252_4 oz	Elemental Analysis	CO	ASTM D8252	4 oz AGB	\$345.53
RM_DF_ASTM D5291_125 mL	Elemental Analysis	DF	ASTM D5291	125 mL AIB	\$305.32
RM_DF_ASTM D8110_4 oz	Elemental Analysis	DF	ASTM D8110	4 oz AGB	\$325.32
RM_EC_ASTM D6130_4 oz	Elemental Analysis	EC	ASTM D6130	4 oz AGB	\$278.06
RM_FO_ASTM D5184_4 oz	Elemental Analysis	FO	ASTM D5184	4 oz AGB	\$321.63
RM_FO_ASTM D5185_4 oz	Elemental Analysis	FO	ASTM D5185	4 oz AGB	\$361.63
RM_FO_ASTM D5291_125 mL	Elemental Analysis	FO	ASTM D5291	125 mL AIB	\$326.63
RM_FO_ASTM D5708_4 oz	Elemental Analysis	FO	ASTM D5708	4 oz AGB	\$326.63
RM_FO_ASTM D5863_4 oz	Elemental Analysis	FO	ASTM D5863	4 oz AGB	\$326.63
RM_GGO_ASTM D5708_4 oz	Elemental Analysis	GGO	ASTM D5708	4 oz AGB	\$280.62
RM_GGO_ASTM D5863_4 oz	Elemental Analysis	GGO	ASTM D5863	4 oz AGB	\$280.62
RM_GO_ASTM D4951_4 oz	Elemental Analysis	GO	ASTM D4951	4 oz AGB	\$372.48
RM_GO_ASTM D5184_4 oz	Elemental Analysis	GO	ASTM D5184	4 oz AGB	\$337.48
RM_GO_ASTM D6481_4 oz	Elemental Analysis	GO	ASTM D6481	4 oz AGB	\$347.48
RM_HFO_ASTM D4951_4 oz	Elemental Analysis	HFO	ASTM D4951	4 oz AGB	\$332.63
RM_HFO_ASTM D5185_4 oz	Elemental Analysis	HFO	ASTM D5185	4 oz AGB	\$337.63
RM_IHFO_ASTM D5185_4 oz	Elemental Analysis	IHFO	ASTM D5185	4 oz AGB	\$532.50
RM_IHFO_ASTM D6595_4 oz	Elemental Analysis	IHFO	ASTM D6595	4 oz AGB	\$592.50
RM_ISDO_ASTM D5185_4 oz	Elemental Analysis	ISDO	ASTM D5185	4 oz AGB	\$541.13
RM_ISDO_ASTM D6595_4 oz	Elemental Analysis	ISDO	ASTM D6595	4 oz AGB	\$601.13
RM_LU_ASTM D4951_4 oz	Elemental Analysis	LU	ASTM D4951	4 oz AGB	\$329.91
RM_LU_ASTM D5185_4 oz	Elemental Analysis	LU	ASTM D5185	4 oz AGB	\$334.91
RM_LU_ASTM D5291_125 mL	Elemental Analysis	LU	ASTM D5291	125 mL AIB	\$299.91
RM_LU_ASTM D6443_4 oz	Elemental Analysis	LU	ASTM D6443	4 oz AGB	\$309.91
RM_LU_ASTM D6481_4 oz	Elemental Analysis	LU	ASTM D6481	4 oz AGB	\$304.91
RM_LU_ASTM D7751_4 oz	Elemental Analysis	LU	ASTM D7751	4 oz AGB	\$309.91
RM_ISDO_ASTM D4291_125 mL	Ethylene Glycol	ISDO	ASTM D4291	125 mL AIB	\$496.13
RM_BO_ASTM D5800_250 mL	Evaporation Loss	BO	ASTM D5800	250 mL AIB	\$352.52
RM_IGO_ASTM D5800_250 mL	Evaporation Loss	IGO	ASTM D5800	250 mL AIB	\$501.60
RM_LG_ASTM D972_4 oz	Evaporation Loss	LG	ASTM D972	4 oz ELPC	\$337.67



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RM_LU_ASTM D5800_250 mL	Evaporation Loss	LU	ASTM D5800	250 mL AIB	\$322.12
RM_LU_ASTM D6375_125 mL	Evaporation Loss	LU	ASTM D6375	125 mL AIB	\$289.91
RM_WX_ASTM D721_4 oz	Extractables	WX	ASTM D721	4 oz ELPC	\$273.35
RM_WX_ASTM D3235_4 oz	Extractables	WX	ASTM D3235	4 oz ELPC	\$273.35
RM_BDF_ASTM D7371_125 mL	FAME	BDF	ASTM D7371	125 mL AIB	\$306.10
RM_BDF_EN 14078_125 mL	FAME	BDF	EN 14078	125 mL AIB	\$306.10
RM_BIOD_EN 14103_5 mL	FAME	BIOD	EN 14103	5 mL AGA (8/pk)	\$460.20
RM_ALA_ASTM D92_250 mL	Flash Point	ALA	ASTM D92	250 mL AIB	\$344.20
RM_ALA_ASTM D93_250 mL	Flash Point	ALA	ASTM D93	250 mL AIB	\$344.20
RM_ATF_ASTM D92_250 mL	Flash Point	ATF	ASTM D92	250 mL AIB	\$344.61
RM_ATF_ASTM D93_250 mL	Flash Point	ATF	ASTM D93	250 mL AIB	\$344.61
RM_BDF_ASTM D93_250 mL	Flash Point	BDF	ASTM D93	250 mL AIB	\$340.11
RM_BIOD_ASTM D93_250 mL	Flash Point	BIOD	ASTM D93	250 mL AIB	\$325.14
RM_BO_ASTM D92_250 mL	Flash Point	BO	ASTM D92	250 mL AIB	\$352.52
RM_BO_ASTM D93_250 mL	Flash Point	BO	ASTM D93	250 mL AIB	\$352.52
RM_DF_ASTM D93_250 mL	Flash Point	DF	ASTM D93	250 mL AIB	\$328.14
RM_DF_ASTM D3828_125 mL	Flash Point	DF	ASTM D3828	125 mL AIB	\$295.32
RM_DF_ASTM D6450_125 mL	Flash Point	DF	ASTM D6450	125 mL AIB	\$295.32
RM_DF_ASTM D7094_125 mL	Flash Point	DF	ASTM D7094	125 mL AIB	\$295.32
RM_F24_ASTM D56_125 mL	Flash Point	F24	ASTM D56	125 mL AIB	\$445.09
RM_F24_ASTM D93_250 mL	Flash Point	F24	ASTM D93	250 mL AIB	\$494.54
RM_FO_ASTM D93_250 mL	Flash Point	FO	ASTM D93	250 mL AIB	\$351.82
RM_GGO_ASTM D93_250 mL	Flash Point	GGO	ASTM D93	250 mL AIB	\$300.69
RM_GO_ASTM D92_250 mL	Flash Point	GO	ASTM D92	250 mL AIB	\$369.42
RM_HFO_ASTM D92_250 mL	Flash Point	HFO	ASTM D92	250 mL AIB	\$325.14
RM_IFQ_ASTM D92_250 mL	Flash Point	IFQ	ASTM D92	250 mL AIB	\$335.29
RM_IFQ_ASTM D93_250 mL	Flash Point	IFQ	ASTM D93	250 mL AIB	\$335.29
RM_IGO_ASTM D92_250 mL	Flash Point	IGO	ASTM D92	250 mL AIB	\$501.60
RM_IGO_ASTM D93_250 mL	Flash Point	IGO	ASTM D93	250 mL AIB	\$501.60
RM_IHFO_ASTM D92_250 mL	Flash Point	IHFO	ASTM D92	250 mL AIB	\$650.00
RM_ISDO_ASTM D92_250 mL	Flash Point	ISDO	ASTM D92	250 mL AIB	\$661.50
RM_ISDO_ASTM D93_250 mL	Flash Point	ISDO	ASTM D93	250 mL AIB	\$661.50
RM_ISDO_ASTM D3828_125 mL	Flash Point	ISDO	ASTM D3828	125 mL AIB	\$496.13
RM_JF_ASTM D56_125 mL	Flash Point	JF	ASTM D56	125 mL AIB	\$330.17
RM_JF_ASTM D93_250 mL	Flash Point	JF	ASTM D93	250 mL AIB	\$366.85
RM_JF_ASTM D3828_125 mL	Flash Point	JF	ASTM D3828	125 mL AIB	\$330.17
RM_LU_ASTM D92_250 mL	Flash Point	LU	ASTM D92	250 mL AIB	\$322.12
RM_LU_ASTM D93_250 mL	Flash Point	LU	ASTM D93	250 mL AIB	\$322.12



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RM_TO_ASTM D92_250 mL	Flash Point	TO	ASTM D92	250 mL AIB	\$422.03
RM_TO_ASTM D93_250 mL	Flash Point	TO	ASTM D93	250 mL AIB	\$422.03
RM_WX_ASTM D92_250 mL	Flash Point	WX	ASTM D92	250 mL AIB	\$303.72
RM_ATF_ASTM D892_250 mL	Foaming Tendency	ATF	ASTM D892	250 mL AIB	\$344.61
RM_ATF_ASTM D6082_1L	Foaming Tendency	ATF	ASTM D6082	1 L AIB	\$447.99
RM_EC_ASTM D1881_250 mL	Foaming Tendency	EC	ASTM D1881	250 mL AIB	\$247.29
RM_EC_ASTM D4921_125 mL	Foaming Tendency	EC	ASTM D4921	125 mL AIB	\$218.06
RM_HFO_ASTM D892_250 mL	Foaming Tendency	HFO	ASTM D892	250 mL AIB	\$325.14
RM_TO_ASTM D892_250 mL	Foaming Tendency	TO	ASTM D892	250 mL AIB	\$422.03
RM_F24_ASTM D4176_1L	Free Water and Particulate	F24	ASTM D4176	1 L AIB	\$642.90
RM_EC_ASTM D1177_250 mL	Freeze Point	EC	ASTM D1177	250 mL AIB	\$242.29
RM_EC_ASTM D3321_125 mL	Freeze Point	EC	ASTM D3321	125 mL AIB	\$218.06
RM_F24_ASTM D2386_125 mL	Freeze Point	F24	ASTM D2386	125 mL AIB	\$445.09
RM_F24_ASTM D5972_125 mL	Freeze Point	F24	ASTM D5972	125 mL AIB	\$445.09
RM_F24_ASTM D7153_125 mL	Freeze Point	F24	ASTM D7153	125 mL AIB	\$445.09
RM_JF_ASTM D2386_125 mL	Freeze Point	JF	ASTM D2386	125 mL AIB	\$330.17
RM_JF_ASTM D5972_125 mL	Freeze Point	JF	ASTM D5972	125 mL AIB	\$330.17
RM_JF_ASTM D7153_125 mL	Freeze Point	JF	ASTM D7153	125 mL AIB	\$330.17
RM_ISDO_ASTM D7624_125 mL	FTIR - Nitration	ISDO	ASTM D7624	125 mL AIB	\$496.13
RM_ISDO_ASTM D7214_125 mL	FTIR - Oxidation	ISDO	ASTM D7214	125 mL AIB	\$496.13
RM_ISDO_ASTM D7414_125 mL	FTIR - Oxidation	ISDO	ASTM D7414	125 mL AIB	\$496.13
RM_ISDO_ASTM D7412_125 mL	FTIR - Phosphate	ISDO	ASTM D7412	125 mL AIB	\$496.13
RM_ISDO_ASTM D7415_125 mL	FTIR - Sulfate	ISDO	ASTM D7415	125 mL AIB	\$496.13
RM_ISDO_ASTM D3524_125 mL	Fuel Dilution	ISDO	ASTM D3524	125 mL AIB	\$496.13
RM_F24_ASTM D5006_250 mL	Fuel System Icing Inhibitor	F24	ASTM D5006	250 mL AIB	\$494.54
RM_JF_ASTM D5006_250 mL	Fuel System Icing Inhibitor	JF	ASTM D5006	250 mL AIB	\$366.85
RM_BIOD_ASTM D6584_5 mL	Glycerin & Glycerides	BIOD	ASTM D6584	5 mL AGA (8/pk)	\$475.20
RM_LG_ASTM D4290_4 oz	Grease Leakage	LG	ASTM D4290	4 oz ELPC	\$337.67
RM_LG_ASTM D3527_4 oz	Grease Life	LG	ASTM D3527	4 oz ELPC	\$337.67
RM_ETOH_ASTM D381_125 mL	Gum Content	ETOH	ASTM D381	125 mL AIB	\$391.81
RM_JF_IP 540_125 mL	Gum Content	JF	IP 540	125 mL AIB	\$330.17
RM_MG_ASTM D381_125 mL	Gum Content	MG	ASTM D381	125 mL AIB	\$334.38
RM_DF_ASTM D240_125 mL	Heat of Combustion	DF	ASTM D240	125 mL AIB	\$300.32
RM_F24_ASTM D4809_125 mL	Heat of Combustion	F24	ASTM D4809	125 mL AIB	\$450.09
RM_FO_ASTM D240_125 mL	Heat of Combustion	FO	ASTM D240	125 mL AIB	\$321.63
RM_JF_ASTM D4809_125 mL	Heat of Combustion	JF	ASTM D4809	125 mL AIB	\$335.17
RM_BO_ASTM D7419_5 mL	Hydrocarbon Type	BO	ASTM D7419	5 mL AGA (8/pk)	\$498.53
RM_DF_ASTM D1319_5 mL	Hydrocarbon Type	DF	ASTM D1319	5 mL AGA (8/pk)	\$469.39
RM_F24_ASTM D1319_5 mL	Hydrocarbon Type	F24	ASTM D1319	5 mL AGA (8/pk)	\$702.36



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RM_JF_ASTM D1319_5 mL	Hydrocarbon Type	JF	ASTM D1319	5 mL AGA (8/pk)	\$523.59
RM_MG_ASTM D1319_5 mL	Hydrocarbon Type	MG	ASTM D1319	5 mL AGA (8/pk)	\$514.58
RM_MG_ASTM D5443_5 mL	Hydrocarbon Type	MG	ASTM D5443	5 mL AGA (8/pk)	\$564.58
RM_MG_ASTM D6730_5 mL	Hydrocarbon Type	MG	ASTM D6730	5 mL AGA (8/pk)	\$584.58
RM_MG_ASTM D6839_5 mL	Hydrocarbon Type	MG	ASTM D6839	5 mL AGA (8/pk)	\$554.58
RM_MG_ASTM D8071_5 mL	Hydrocarbon Type	MG	ASTM D8071	5 mL AGA (8/pk)	\$564.58
RM_NP_ASTM D1319_5 mL	Hydrocarbon Type	NP	ASTM D1319	5 mL AGA (8/pk)	\$609.06
RM_NP_ASTM D5134_5 mL	Hydrocarbon Type	NP	ASTM D5134	5 mL AGA (8/pk)	\$714.06
RM_NP_ASTM D5443_5 mL	Hydrocarbon Type	NP	ASTM D5443	5 mL AGA (8/pk)	\$659.06
RM_NP_ASTM D6730_5 mL	Hydrocarbon Type	NP	ASTM D6730	5 mL AGA (8/pk)	\$679.06
RM_RFG_ASTM D1319_5 mL	Hydrocarbon Type	RFG	ASTM D1319	5 mL AGA (8/pk)	\$644.99
RM_RFG_ASTM D6839_5 mL	Hydrocarbon Type	RFG	ASTM D6839	5 mL AGA (8/pk)	\$684.99
RM_RFG_ASTM D8071_5 mL	Hydrocarbon Type	RFG	ASTM D8071	5 mL AGA (8/pk)	\$694.99
RM_JF_ASTM D3701_125 mL	Hydrogen	JF	ASTM D3701	125 mL AIB	\$330.17
RM_CO_ASTM D6560_125 mL	Insolubles - Heptane	CO	ASTM D6560	125 mL AIB	\$340.53
RM_FO_ASTM D3279_125 mL	Insolubles - Heptane	FO	ASTM D3279	125 mL AIB	\$316.63
RM_FO_ASTM D6560_125 mL	Insolubles - Heptane	FO	ASTM D6560	125 mL AIB	\$316.63
RM_ISDO_ASTM D893_125 mL	Insolubles - Pentane & Toluene	ISDO	ASTM D893	125 mL AIB	\$501.13
RM_ISDO_ASTM D4055_125 mL	Insolubles - Pentane & Toluene	ISDO	ASTM D4055	125 mL AIB	\$496.13
RM_IFQ_ASTM D971_125 mL	Interfacial Tension	IFQ	ASTM D971	125 mL AIB	\$301.76
RM_BDF_ASTM D6079_4 oz	Lubricity	BDF	ASTM D6079	4 oz AGB	\$306.10
RM_BIOD_ASTM D6079_4 oz	Lubricity	BIOD	ASTM D6079	4 oz AGB	\$292.63
RM_BIOD_ASTM D7688_4 oz	Lubricity	BIOD	ASTM D7688	4 oz AGB	\$292.63
RM_DF_ASTM D6079_4 oz	Lubricity	DF	ASTM D6079	4 oz AGB	\$295.32
RM_DF_ASTM D7688_4 oz	Lubricity	DF	ASTM D7688	4 oz AGB	\$295.32
RM_IGO_ASTM D2783_8 oz	Lubricity	IGO	ASTM D2783	8 oz AGB	\$501.60
RM_IGO_ASTM D3233_4 oz	Lubricity	IGO	ASTM D3233	4 oz AGB	\$451.44
RM_IGO_ASTM D4172_8 oz	Lubricity	IGO	ASTM D4172	8 oz AGB	\$501.60
RM_JF_ASTM D5001_4 oz	Lubricity	JF	ASTM D5001	4 oz AGB	\$330.17
RM_LG_ASTM D2266_8 oz	Lubricity	LG	ASTM D2266	8 oz ELPC	\$375.19
RM_LG_ASTM D2509_32 oz	Lubricity	LG	ASTM D2509	32 oz ELPC	\$487.75
RM_LG_ASTM D2596_8 oz	Lubricity	LG	ASTM D2596	8 oz ELPC	\$385.19
RM_LG_ASTM D4170_4 oz	Lubricity	LG	ASTM D4170	4 oz ELPC	\$337.67
RM_TO_ASTM D4172_8 oz	Lubricity	TO	ASTM D4172	8 oz AGB	\$422.03
RM_WX_ASTM D87_4 oz	Melting Point	WX	ASTM D87	4 oz ELPC	\$273.35
RM_WX_ASTM D127_4 oz	Melting Point	WX	ASTM D127	4 oz ELPC	\$273.35
RM_BIOD_EN 14110_20 mL	Methanol	BIOD	EN 14110	20 mL AGA (4/pk)	\$357.66
RM_F24_ASTM D1840_5 mL	Naphthalenes	F24	ASTM D1840	5 mL AGA (8/pk)	\$692.36
RM_JF_ASTM D1840_5 mL	Naphthalenes	JF	ASTM D1840	5 mL AGA (8/pk)	\$513.59





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Product Code	Property	Matrix	Test Method	Container	Price
RM_BO_ASTM D5762_125 mL	Nitrogen	BO	ASTM D5762	125 mL AIB	\$317.27
RM_CO_ASTM D4629_125 mL	Nitrogen	CO	ASTM D4629	125 mL AIB	\$340.53
RM_CO_ASTM D5762_125 mL	Nitrogen	CO	ASTM D5762	125 mL AIB	\$340.53
RM_DF_ASTM D4629_125 mL	Nitrogen	DF	ASTM D4629	125 mL AIB	\$295.32
RM_DF_ASTM D5762_125 mL	Nitrogen	DF	ASTM D5762	125 mL AIB	\$295.32
RM_FO_ASTM D4629_125 mL	Nitrogen	FO	ASTM D4629	125 mL AIB	\$316.63
RM_FO_ASTM D5762_125 mL	Nitrogen	FO	ASTM D5762	125 mL AIB	\$316.63
RM_GGO_ASTM D4629_125 mL	Nitrogen	GGO	ASTM D4629	125 mL AIB	\$270.62
RM_GGO_ASTM D5762_125 mL	Nitrogen	GGO	ASTM D5762	125 mL AIB	\$270.62
RM_LU_ASTM D4629_125 mL	Nitrogen	LU	ASTM D4629	125 mL AIB	\$289.91
RM_LU_ASTM D5762_125 mL	Nitrogen	LU	ASTM D5762	125 mL AIB	\$289.91
RM_NP_ASTM D4629_125 mL	Nitrogen	NP	ASTM D4629	125 mL AIB	\$385.11
RM_PX_ASTM D4629_125 mL	Nitrogen	PX	ASTM D4629	125 mL AIB	\$247.50
RM_PX_ASTM D7184_125 mL	Nitrogen	PX	ASTM D7184	125 mL AIB	\$247.50
RM_MG_ASTM D2700_1L	Octane Number, Motor	MG	ASTM D2700	1 L AIB	\$468.54
RM_MG_ASTM D2699_1L	Octane Number, Research	MG	ASTM D2699	1 L AIB	\$468.54
RM_WX_ASTM D1833_8 oz	Odor	WX	ASTM D1833	8 oz ELPC	\$303.72
RM_LG_ASTM D1742_4 oz	Oil Separation	LG	ASTM D1742	4 oz ELPC	\$337.67
RM_LG_ASTM D6184_4 oz	Oil Separation	LG	ASTM D6184	4 oz ELPC	\$337.67
RM_MG_ASTM D6550_20 mL	Olefins	MG	ASTM D6550	20 mL AGA (4/pk)	\$396.46
RM_RFG_ASTM D6550_20 mL	Olefins	RFG	ASTM D6550	20 mL AGA (4/pk)	\$498.92
RM_IFQ_ASTM D2668_125 mL	Oxidation Inhibitor	IFQ	ASTM D2668	125 mL AIB	\$306.76
RM_ETOH_ASTM D5501_5 mL	Oxygenates	ETOH	ASTM D5501	5 mL AGA (8/pk)	\$598.93
RM_RFG_ASTM D4815_20 mL	Oxygenates	RFG	ASTM D4815	20 mL AGA (4/pk)	\$503.92
RM_RFG_ASTM D5599_20 mL	Oxygenates	RFG	ASTM D5599	20 mL AGA (4/pk)	\$503.92
RM_BIOD_ASTM D7321_2.5 L	Particulate	BIOD	ASTM D7321	2.5 L AIB	\$650.28
RM_DF_ASTM D6217_2.5 L	Particulate	DF	ASTM D6217	2.5 L AIB	\$656.27
RM_F24_ASTM D5452_1G	Particulate	F24	ASTM D5452	1 G ELSC	\$989.08
RM_IFQ_ASTM D6786_250 mL	Particulate	IFQ	ASTM D6786	250 mL AIB	\$335.29
RM_IHFO_ASTM D7647_125 mL	Particulate	IHFO	ASTM D7647	125 mL AIB	\$502.50
RM_LG_ASTM D217_32 oz	Penetration	LG	ASTM D217	32 oz ELPC	\$497.75
RM_LG_ASTM D1403_8 oz	Penetration	LG	ASTM D1403	8 oz ELPC	\$390.19
RM_LG_ASTM D7342_32 oz	Penetration	LG	ASTM D7342	32 oz ELPC	\$487.75
RM_WX_ASTM D1321_4 oz	Penetration	WX	ASTM D1321	4 oz ELPC	\$273.35
RM_EC_ASTM D1287_250 mL	pH	EC	ASTM D1287	250 mL AIB	\$242.29
RM_ETOH_ASTM D6423_125 mL	pH	ETOH	ASTM D6423	125 mL AIB	\$381.81
RM_BDF_ASTM D5950_250 mL	Pour Point	BDF	ASTM D5950	250 mL AIB	\$340.11
RM_BO_ASTM D97_250 mL	Pour Point	BO	ASTM D97	250 mL AIB	\$362.52



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Product Code	Property	Matrix	Test Method	Container	Price
RM_BO_ASTM D5949_125 mL	Pour Point	BO	ASTM D5949	125 mL AIB	\$317.27
RM_BO_ASTM D5950_250 mL	Pour Point	BO	ASTM D5950	250 mL AIB	\$352.52
RM_BO_ASTM D6749_125 mL	Pour Point	BO	ASTM D6749	125 mL AIB	\$317.27
RM_CO_ASTM D97_250 mL	Pour Point	CO	ASTM D97	250 mL AIB	\$388.37
RM_CO_ASTM D5853_125 mL	Pour Point	CO	ASTM D5853	125 mL AIB	\$340.53
RM_DF_ASTM D97_250 mL	Pour Point	DF	ASTM D97	250 mL AIB	\$338.14
RM_DF_ASTM D5949_125 mL	Pour Point	DF	ASTM D5949	125 mL AIB	\$295.32
RM_DF_ASTM D5950_250 mL	Pour Point	DF	ASTM D5950	250 mL AIB	\$328.14
RM_DF_ASTM D7346_125 mL	Pour Point	DF	ASTM D7346	125 mL AIB	\$305.32
RM_FO_ASTM D97_250 mL	Pour Point	FO	ASTM D97	250 mL AIB	\$361.82
RM_FO_ASTM D5853_125 mL	Pour Point	FO	ASTM D5853	125 mL AIB	\$316.63
RM_FO_ASTM D5950_250 mL	Pour Point	FO	ASTM D5950	250 mL AIB	\$351.82
RM_GGO_ASTM D97_250 mL	Pour Point	GGO	ASTM D97	250 mL AIB	\$310.69
RM_GGO_ASTM D5950_250 mL	Pour Point	GGO	ASTM D5950	250 mL AIB	\$300.69
RM_GO_ASTM D97_250 mL	Pour Point	GO	ASTM D97	250 mL AIB	\$379.42
RM_GO_ASTM D5949_125 mL	Pour Point	GO	ASTM D5949	125 mL AIB	\$332.48
RM_GO_ASTM D5950_250 mL	Pour Point	GO	ASTM D5950	250 mL AIB	\$369.42
RM_HFO_ASTM D97_250 mL	Pour Point	HFO	ASTM D97	250 mL AIB	\$335.14
RM_HFO_ASTM D5949_125 mL	Pour Point	HFO	ASTM D5949	125 mL AIB	\$292.63
RM_HFO_ASTM D5950_250 mL	Pour Point	HFO	ASTM D5950	250 mL AIB	\$325.14
RM_IFQ_ASTM D97_250 mL	Pour Point	IFQ	ASTM D97	250 mL AIB	\$345.29
RM_IFQ_ASTM D5950_250 mL	Pour Point	IFQ	ASTM D5950	250 mL AIB	\$335.29
RM_IGO_ASTM D97_250 mL	Pour Point	IGO	ASTM D97	250 mL AIB	\$511.60
RM_LU_ASTM D97_250 mL	Pour Point	LU	ASTM D97	250 mL AIB	\$332.12
RM_LU_ASTM D5949_125 mL	Pour Point	LU	ASTM D5949	125 mL AIB	\$289.91
RM_LU_ASTM D5950_250 mL	Pour Point	LU	ASTM D5950	250 mL AIB	\$322.12
RM_LU_ASTM D6749_125 mL	Pour Point	LU	ASTM D6749	125 mL AIB	\$289.91
RM_LU_ASTM D7346_125 mL	Pour Point	LU	ASTM D7346	125 mL AIB	\$299.91
RM_TO_ASTM D97_250 mL	Pour Point	TO	ASTM D97	250 mL AIB	\$432.03
RM_TO_ASTM D5949_125 mL	Pour Point	TO	ASTM D5949	125 mL AIB	\$379.83
RM_TO_ASTM D5950_250 mL	Pour Point	TO	ASTM D5950	250 mL AIB	\$422.03
RM_TO_ASTM D7346_125 mL	Pour Point	TO	ASTM D7346	125 mL AIB	\$389.83
RM_IFQ_ASTM D924_2.5 L	Power Factor	IFQ	ASTM D924	2.5 L AIB	\$670.59
RM_BZ_ASTM D4492_125 mL	Purity	BZ	ASTM D4492	125 mL AIB	\$292.50
RM_BZ_ASTM D5713_20 mL	Purity	BZ	ASTM D5713	20 mL AGA (4/pk)	\$420.00
RM_BO_ASTM D1218_125 mL	Refractive Index	BO	ASTM D1218	125 mL AIB	\$317.27
RM_BO_ASTM D1747_125 mL	Refractive Index	BO	ASTM D1747	125 mL AIB	\$317.27
RM_IFQ_ASTM D1169_2.5 L	Resistivity	IFQ	ASTM D1169	2.5 L AIB	\$670.59
RM_LG_ASTM D1831_8 oz	Roll Stability	LG	ASTM D1831	8 oz ELPC	\$375.19



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Product Code	Property	Matrix	Test Method	Container	Price
RM_LG_ASTM D8022_8 oz	Roll Stability	LG	ASTM D8022	8 oz ELPC	\$375.19
RM_CO_ASTM D3230_125 mL	Salt	CO	ASTM D3230	125 mL AIB	\$340.53
RM_LU_ASTM D94_125 mL	Saponification Number	LU	ASTM D94	125 mL AIB	\$289.91
RM_CO_ASTM D473_125 mL	Sediment	CO	ASTM D473	125 mL AIB	\$340.53
RM_CO_ASTM D4807_125 mL	Sediment	CO	ASTM D4807	125 mL AIB	\$340.53
RM_FO_ASTM D473_125 mL	Sediment	FO	ASTM D473	125 mL AIB	\$316.63
RM_FO_ASTM D4870_125 mL	Sediment	FO	ASTM D4870	125 mL AIB	\$316.63
RM_BO_ASTM D2887_5 mL	Simulated Distillation	BO	ASTM D2887	5 mL AGA (8/pk)	\$553.53
RM_BO_ASTM D7500_5 mL	Simulated Distillation	BO	ASTM D7500	5 mL AGA (8/pk)	\$553.53
RM_CO_ASTM D7169_125 mL	Simulated Distillation	CO	ASTM D7169	125 mL AIB	\$440.53
RM_DF_ASTM D2887_5 mL	Simulated Distillation	DF	ASTM D2887	5 mL AGA (8/pk)	\$519.39
RM_F24_ASTM D2887_5 mL	Simulated Distillation	F24	ASTM D2887	5 mL AGA (8/pk)	\$752.36
RM_GGO_ASTM D2887_5 mL	Simulated Distillation	GGO	ASTM D2887	5 mL AGA (8/pk)	\$480.96
RM_GGO_ASTM D6352_5 mL	Simulated Distillation	GGO	ASTM D6352	5 mL AGA (8/pk)	\$480.96
RM_GGO_ASTM D7169_125 mL	Simulated Distillation	GGO	ASTM D7169	125 mL AIB	\$370.62
RM_JF_ASTM D2887_5 mL	Simulated Distillation	JF	ASTM D2887	5 mL AGA (8/pk)	\$573.59
RM_MG_ASTM D7096_5 mL	Simulated Distillation	MG	ASTM D7096	5 mL AGA (8/pk)	\$564.58
RM_NP_ASTM D2887_5 mL	Simulated Distillation	NP	ASTM D2887	5 mL AGA (8/pk)	\$659.06
RM_F24_ASTM D1322_125 mL	Smoke Point	F24	ASTM D1322	125 mL AIB	\$445.09
RM_JF_ASTM D1322_125 mL	Smoke Point	JF	ASTM D1322	125 mL AIB	\$330.17
RM_BDF_EN 15751_125 mL	Stability - Oxidation	BDF	EN 15751	125 mL AIB	\$306.10
RM_BIOD_EN 14112_125 mL	Stability - Oxidation	BIOD	EN 14112	125 mL AIB	\$292.63
RM_BIOD_EN 15751_125 mL	Stability - Oxidation	BIOD	EN 15751	125 mL AIB	\$292.63
RM_DF_ASTM D7545_125 mL	Stability - Oxidation	DF	ASTM D7545	125 mL AIB	\$295.32
RM_HFO_ASTM D2272_250 mL	Stability - Oxidation	HFO	ASTM D2272	250 mL AIB	\$325.14
RM_IFQ_ASTM D2112_125 mL	Stability - Oxidation	IFQ	ASTM D2112	125 mL AIB	\$301.76
RM_LG_ASTM D942_4 oz	Stability - Oxidation	LG	ASTM D942	4 oz ELPC	\$337.67
RM_MG_ASTM D525_125 mL	Stability - Oxidation	MG	ASTM D525	125 mL AIB	\$324.38
RM_TO_ASTM D2272_250 mL	Stability - Oxidation	TO	ASTM D2272	250 mL AIB	\$422.03
RM_LU_ASTM D6278_1L	Stability - Sheer	LU	ASTM D6278	1L AIB	\$423.75
RM_BIOD_ASTM D6468_250 mL	Stability - Thermal	BIOD	ASTM D6468	250 mL AIB	\$330.14
RM_DF_ASTM D6468_250 mL	Stability - Thermal	DF	ASTM D6468	250 mL AIB	\$333.14
RM_F24_ASTM D3241_32 oz	Stability - Thermal	F24	ASTM D3241	32 oz AGB	\$647.90
RM_HFO_ASTM D2070_250 mL	Stability - Thermal	HFO	ASTM D2070	250 mL AIB	\$325.14
RM_JF_ASTM D3241_32 oz	Stability - Thermal	JF	ASTM D3241	32 oz AGB	\$481.91
RM_ALA_ASTM D1552_4 oz	Sulfur	ALA	ASTM D1552	4 oz AGB	\$309.78
RM_BDF_ASTM D5453_4 oz	Sulfur	BDF	ASTM D5453	4 oz AGB	\$306.10
RM_BIOD_ASTM D5453_4 oz	Sulfur	BIOD	ASTM D5453	4 oz AGB	\$292.63
RM_BIOD_ASTM D7039_4 oz	Sulfur	BIOD	ASTM D7039	4 oz AGB	\$292.63



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RM_BO_ASTM D2622_4 oz	Sulfur	BO	ASTM D2622	4 oz AGB	\$317.27
RM_BO_ASTM D4294_4 oz	Sulfur	BO	ASTM D4294	4 oz AGB	\$317.27
RM_BO_ASTM D5453_4 oz	Sulfur	BO	ASTM D5453	4 oz AGB	\$317.27
RM_BZ_ASTM D7011_5 mL	Sulfur	BZ	ASTM D7011	5 mL AGA (8/pk)	\$462.00
RM_CO_ASTM D2622_4 oz	Sulfur	CO	ASTM D2622	4 oz AGB	\$340.53
RM_CO_ASTM D4294_4 oz	Sulfur	CO	ASTM D4294	4 oz AGB	\$340.53
RM_DF_ASTM D2622_4 oz	Sulfur	DF	ASTM D2622	4 oz AGB	\$295.32
RM_DF_ASTM D4294_4 oz	Sulfur	DF	ASTM D4294	4 oz AGB	\$295.32
RM_DF_ASTM D5453_4 oz	Sulfur	DF	ASTM D5453	4 oz AGB	\$295.32
RM_DF_ASTM D7039_4 oz	Sulfur	DF	ASTM D7039	4 oz AGB	\$295.32
RM_DF_ASTM D7220_4 oz	Sulfur	DF	ASTM D7220	4 oz AGB	\$295.32
RM_ETOH_ASTM D5453_4 oz	Sulfur	ETOH	ASTM D5453	4 oz AGB	\$381.81
RM_ETOH_ASTM D7039_4 oz	Sulfur	ETOH	ASTM D7039	4 oz AGB	\$381.81
RM_F24_ASTM D2622_4 oz	Sulfur	F24	ASTM D2622	4 oz AGB	\$445.09
RM_F24_ASTM D3227_250 mL	Sulfur	F24	ASTM D3227	250 mL AIB	\$494.54
RM_F24_ASTM D4294_4 oz	Sulfur	F24	ASTM D4294	4 oz AGB	\$445.09
RM_F24_ASTM D4952_4 oz	Sulfur	F24	ASTM D4952	4 oz AGB	\$445.09
RM_F24_ASTM D5453_4 oz	Sulfur	F24	ASTM D5453	4 oz AGB	\$445.09
RM_F24_ASTM D7039_4 oz	Sulfur	F24	ASTM D7039	4 oz AGB	\$445.09
RM_FO_ASTM D2622_4 oz	Sulfur	FO	ASTM D2622	4 oz AGB	\$316.63
RM_FO_ASTM D4294_4 oz	Sulfur	FO	ASTM D4294	4 oz AGB	\$316.63
RM_GGO_ASTM D2622_4 oz	Sulfur	GGO	ASTM D2622	4 oz AGB	\$270.62
RM_GGO_ASTM D4294_4 oz	Sulfur	GGO	ASTM D4294	4 oz AGB	\$270.62
RM_JF_ASTM D2622_4 oz	Sulfur	JF	ASTM D2622	4 oz AGB	\$330.17
RM_JF_ASTM D3227_250 mL	Sulfur	JF	ASTM D3227	250 mL AIB	\$366.85
RM_JF_ASTM D4294_4 oz	Sulfur	JF	ASTM D4294	4 oz AGB	\$330.17
RM_JF_ASTM D5453_4 oz	Sulfur	JF	ASTM D5453	4 oz AGB	\$330.17
RM_JF_ASTM D7039_4 oz	Sulfur	JF	ASTM D7039	4 oz AGB	\$330.17
RM_LU_ASTM D129_4 oz	Sulfur	LU	ASTM D129	4 oz AGB	\$289.91
RM_LU_ASTM D2622_4 oz	Sulfur	LU	ASTM D2622	4 oz AGB	\$289.91
RM_LU_ASTM D5453_4 oz	Sulfur	LU	ASTM D5453	4 oz AGB	\$289.91
RM_MG_ASTM D2622_4 oz	Sulfur	MG	ASTM D2622	4 oz AGB	\$324.38
RM_MG_ASTM D3227_250 mL	Sulfur	MG	ASTM D3227	250 mL AIB	\$360.42
RM_MG_ASTM D5453_4 oz	Sulfur	MG	ASTM D5453	4 oz AGB	\$324.38
RM_MG_ASTM D7039_4 oz	Sulfur	MG	ASTM D7039	4 oz AGB	\$324.38
RM_NP_ASTM D2622_4 oz	Sulfur	NP	ASTM D2622	4 oz AGB	\$385.11
RM_NP_ASTM D3227_250 mL	Sulfur	NP	ASTM D3227	250 mL AIB	\$427.90
RM_NP_ASTM D4294_4 oz	Sulfur	NP	ASTM D4294	4 oz AGB	\$385.11
RM_NP_ASTM D5453_4 oz	Sulfur	NP	ASTM D5453	4 oz AGB	\$385.11



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RM_NP_ASTM D7039_4 oz	Sulfur	NP	ASTM D7039	4 oz AGB	\$385.11
RM_NP_UOP 163_250 mL	Sulfur	NP	UOP 163	250 mL AIB	\$432.90
RM_PX_ASTM D7183_4 oz	Sulfur	PX	ASTM D7183	4 oz AGB	\$247.50
RM_RFG_ASTM D2622_4 oz	Sulfur	RFG	ASTM D2622	4 oz AGB	\$408.21
RM_RFG_ASTM D5453_4 oz	Sulfur	RFG	ASTM D5453	4 oz AGB	\$408.21
RM_RFG_ASTM D7039_4 oz	Sulfur	RFG	ASTM D7039	4 oz AGB	\$408.21
RM_ULSD_ASTM D2622_4 oz	Sulfur	ULSD	ASTM D2622	4 oz AGB	\$369.66
RM_ULSD_ASTM D5453_4 oz	Sulfur	ULSD	ASTM D5453	4 oz AGB	\$369.66
RM_ULSD_ASTM D7039_4 oz	Sulfur	ULSD	ASTM D7039	4 oz AGB	\$369.66
RM_ULSD_ASTM D7220_4 oz	Sulfur	ULSD	ASTM D7220	4 oz AGB	\$369.66
RM_LG_ASTM D1478_16 oz	Torque	LG	ASTM D1478	16 oz ELPC	\$455.23
RM_BZ_ASTM D7504_5 mL	Trace Impurities	BZ	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_MX_ASTM D7504_5 mL	Trace Impurities	MX	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_PX_ASTM D5917_5 mL	Trace Impurities	PX	ASTM D5917	5 mL AGA (8/pk)	\$512.00
RM_PX_ASTM D7504_5 mL	Trace Impurities	PX	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_MG_ASTM D5188_250 mL	V/L Ratio	MG	ASTM D5188	250 mL AIB	\$360.42
RM_RFG_ASTM D5188_250 mL	V/L Ratio	RFG	ASTM D5188	250 mL AIB	\$453.57
RM_CO_ASTM D323_1L	Vapor Pressure	CO	ASTM D323	1L AIB	\$756.74
RM_CO_ASTM D5191_250 mL	Vapor Pressure	CO	ASTM D5191	250 mL AIB	\$383.37
RM_CO_ASTM D6377_250 mL	Vapor Pressure	CO	ASTM D6377	250 mL AIB	\$378.37
RM_MG_ASTM D5191_250 mL	Vapor Pressure	MG	ASTM D5191	250 mL AIB	\$365.42
RM_MG_ASTM D6378_250 mL	Vapor Pressure	MG	ASTM D6378	250 mL AIB	\$360.42
RM_NP_ASTM D5191_250 mL	Vapor Pressure	NP	ASTM D5191	250 mL AIB	\$432.90
RM_RFG_ASTM D5191_250 mL	Vapor Pressure	RFG	ASTM D5191	250 mL AIB	\$458.57
RM_RFG_ASTM D6378_250 mL	Vapor Pressure	RFG	ASTM D6378	250 mL AIB	\$453.57
RM_ALA_ASTM D445_125 mL	Viscosity	ALA	ASTM D445	125 mL AIB	\$309.78
RM_ATF_ASTM D445_125 mL	Viscosity	ATF	ASTM D445	125 mL AIB	\$310.15
RM_ATF_ASTM D2983_125 mL	Viscosity	ATF	ASTM D2983	125 mL AIB	\$310.15
RM_BDF_ASTM D445_125 mL	Viscosity	BDF	ASTM D445	125 mL AIB	\$306.10
RM_BIOD_ASTM D445_125 mL	Viscosity	BIOD	ASTM D445	125 mL AIB	\$292.63
RM_BIOD_ASTM D7042_125 mL	Viscosity	BIOD	ASTM D7042	125 mL AIB	\$292.63
RM_BO_ASTM D445_125 mL	Viscosity	BO	ASTM D445	125 mL AIB	\$317.27
RM_BO_ASTM D5293_250 mL	Viscosity	BO	ASTM D5293	250 mL AIB	\$352.52
RM_BO_ASTM D7042_125 mL	Viscosity	BO	ASTM D7042	125 mL AIB	\$317.27
RM_CO_ASTM D445_125 mL	Viscosity	CO	ASTM D445	125 mL AIB	\$340.53
RM_CO_ASTM D7042_125 mL	Viscosity	CO	ASTM D7042	125 mL AIB	\$340.53
RM_DF_ASTM D445_125 mL	Viscosity	DF	ASTM D445	125 mL AIB	\$295.32
RM_DF_ASTM D7042_125 mL	Viscosity	DF	ASTM D7042	125 mL AIB	\$295.32
RM_F24_ASTM D445_125 mL	Viscosity	F24	ASTM D445	125 mL AIB	\$445.09



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RM_F24_ASTM D7042_125 mL	Viscosity	F24	ASTM D7042	125 mL AIB	\$445.09
RM_FO_ASTM D445_125 mL	Viscosity	FO	ASTM D445	125 mL AIB	\$316.63
RM_FO_ASTM D7042_125 mL	Viscosity	FO	ASTM D7042	125 mL AIB	\$316.63
RM_GGO_ASTM D445_125 mL	Viscosity	GGO	ASTM D445	125 mL AIB	\$270.62
RM_GO_ASTM D445_125 mL	Viscosity	GO	ASTM D445	125 mL AIB	\$332.48
RM_GO_ASTM D2983_125 mL	Viscosity	GO	ASTM D2983	125 mL AIB	\$332.48
RM_HFO_ASTM D445_125 mL	Viscosity	HFO	ASTM D445	125 mL AIB	\$292.63
RM_IFQ_ASTM D445_125 mL	Viscosity	IFQ	ASTM D445	125 mL AIB	\$301.76
RM_IFQ_ASTM D7042_125 mL	Viscosity	IFQ	ASTM D7042	125 mL AIB	\$301.76
RM_IFQ_ISO 3104_125 mL	Viscosity	IFQ	ISO 3104	125 mL AIB	\$301.76
RM_IGO_ASTM D445_125 mL	Viscosity	IGO	ASTM D445	125 mL AIB	\$451.44
RM_IGO_ASTM D7042_125 mL	Viscosity	IGO	ASTM D7042	125 mL AIB	\$451.44
RM_IHFO_ASTM D445_125 mL	Viscosity	IHFO	ASTM D445	125 mL AIB	\$487.50
RM_IHFO_ASTM D7042_125 mL	Viscosity	IHFO	ASTM D7042	125 mL AIB	\$487.50
RM_IHFO_ASTM D7279_125 mL	Viscosity	IHFO	ASTM D7279	125 mL AIB	\$487.50
RM_ISDO_ASTM D445_125 mL	Viscosity	ISDO	ASTM D445	125 mL AIB	\$496.13
RM_ISDO_ASTM D7042_125 mL	Viscosity	ISDO	ASTM D7042	125 mL AIB	\$496.13
RM_ISDO_ASTM D7279_125 mL	Viscosity	ISDO	ASTM D7279	125 mL AIB	\$496.13
RM_JF_ASTM D445_125 mL	Viscosity	JF	ASTM D445	125 mL AIB	\$330.17
RM_JF_ASTM D7042_125 mL	Viscosity	JF	ASTM D7042	125 mL AIB	\$330.17
RM_LU_ASTM D445_125 mL	Viscosity	LU	ASTM D445	125 mL AIB	\$289.91
RM_LU_ASTM D4684_125 mL	Viscosity	LU	ASTM D4684	125 mL AIB	\$289.91
RM_LU_ASTM D5293_250 mL	Viscosity	LU	ASTM D5293	250 mL AIB	\$322.12
RM_LU_ASTM D5481_125 mL	Viscosity	LU	ASTM D5481	125 mL AIB	\$289.91
RM_LU_ASTM D7042_125 mL	Viscosity	LU	ASTM D7042	125 mL AIB	\$289.91
RM_LU_ASTM D7279_125 mL	Viscosity	LU	ASTM D7279	125 mL AIB	\$289.91
RM_TO_ASTM D445_125 mL	Viscosity	TO	ASTM D445	125 mL AIB	\$379.83
RM_WX_ASTM D445_125 mL	Viscosity	WX	ASTM D445	125 mL AIB	\$273.35
RM_BO_ASTM D6417_5 mL	Volatility	BO	ASTM D6417	5 mL AGA (8/pk)	\$493.53
RM_LU_ASTM D6417_5 mL	Volatility	LU	ASTM D6417	5 mL AGA (8/pk)	\$450.96
RM_ALA_ASTM D6304_125 mL	Water	ALA	ASTM D6304	125 mL AIB	\$309.78
RM_BDF_ASTM D6304_125 mL	Water	BDF	ASTM D6304	125 mL AIB	\$306.10
RM_BIOD_ASTM E203_125 mL	Water	BIOD	ASTM E203	125 mL AIB	\$292.63
RM_BIOD_ASTM D6304_125 mL	Water	BIOD	ASTM D6304	125 mL AIB	\$292.63
RM_BO_ASTM D6304_125 mL	Water	BO	ASTM D6304	125 mL AIB	\$317.27
RM_BZ_ASTM D6304_125 mL	Water	BZ	ASTM D6304	125 mL AIB	\$247.50
RM_BZ_ASTM E1064_125 mL	Water	BZ	ASTM E1064	125 mL AIB	\$247.50
RM_CO_ASTM D4006_250 mL	Water	CO	ASTM D4006	250 mL AIB	\$378.37
RM_CO_ASTM D4377_125 mL	Water	CO	ASTM D4377	125 mL AIB	\$340.53



## REFERENCE MATERIALS BY PROPERTY



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Product Code	Property	Matrix	Test Method	Container	Price
RM_CO_ASTM D4928_125 mL	Water	CO	ASTM D4928	125 mL AIB	\$340.53
RM_DEF_ASTM D1123_125 mL	Water	DEF	ASTM D1123	125 mL AIB	\$250.93
RM_DF_ASTM D6304_125 mL	Water	DF	ASTM D6304	125 mL AIB	\$295.32
RM_EC_ASTM E203_125 mL	Water	EC	ASTM E203	125 mL AIB	\$218.06
RM_ETOH_ASTM E203_125 mL	Water	ETOH	ASTM E203	125 mL AIB	\$381.81
RM_ETOH_ASTM D7923_125 mL	Water	ETOH	ASTM D7923	125 mL AIB	\$381.81
RM_ETOH_ASTM E1064_125 mL	Water	ETOH	ASTM E1064	125 mL AIB	\$381.81
RM_FO_ASTM D95_250 mL	Water	FO	ASTM D95	250 mL AIB	\$351.82
RM_FO_ASTM D6304_125 mL	Water	FO	ASTM D6304	125 mL AIB	\$316.63
RM_IFQ_ASTM D1533_125 mL	Water	IFQ	ASTM D1533	125 mL AIB	\$301.76
RM_IFQ_ASTM D6304_125 mL	Water	IFQ	ASTM D6304	125 mL AIB	\$301.76
RM_IFQ_IEC 60814_125 mL	Water	IFQ	IEC 60814	125 mL AIB	\$301.76
RM_IHFO_ASTM E203_125 mL	Water	IHFO	ASTM E203	125 mL AIB	\$487.50
RM_IHFO_ASTM D1744_125 mL	Water	IHFO	ASTM D1744	125 mL AIB	\$487.50
RM_IHFO_ASTM D6304_125 mL	Water	IHFO	ASTM D6304	125 mL AIB	\$487.50
RM_ISDO_ASTM E203_125 mL	Water	ISDO	ASTM E203	125 mL AIB	\$496.13
RM_ISDO_ASTM D1744_125 mL	Water	ISDO	ASTM D1744	125 mL AIB	\$496.13
RM_ISDO_ASTM D6304_125 mL	Water	ISDO	ASTM D6304	125 mL AIB	\$496.13
RM_LU_ASTM D1744_125 mL	Water	LU	ASTM D1744	125 mL AIB	\$289.91
RM_LU_ASTM D6304_125 mL	Water	LU	ASTM D6304	125 mL AIB	\$289.91
RM_TO_ASTM D6304_125 mL	Water	TO	ASTM D6304	125 mL AIB	\$379.83
RM_BIOD_ASTM D2709_250 mL	Water and Sediment	BIOD	ASTM D2709	250 mL AIB	\$325.14
RM_CO_ASTM D4007_250 mL	Water and Sediment	CO	ASTM D4007	250 mL AIB	\$378.37
RM_FO_ASTM D1796_250 mL	Water and Sediment	FO	ASTM D1796	250 mL AIB	\$351.82
RM_F24_ASTM D1094_125 mL	Water Reaction	F24	ASTM D1094	125 mL AIB	\$450.09
RM_BO_ASTM D1401_125 mL	Water Separation	BO	ASTM D1401	125 mL AIB	\$317.27
RM_F24_ASTM D3948_8 oz	Water Separation	F24	ASTM D3948	8 oz AGB	\$494.54
RM_F24_ASTM D7224_8 oz	Water Separation	F24	ASTM D7224	8 oz AGB	\$494.54
RM_HFO_ASTM D1401_125 mL	Water Separation	HFO	ASTM D1401	125 mL AIB	\$292.63
RM_IGO_ASTM D1401_125 mL	Water Separation	IGO	ASTM D1401	125 mL AIB	\$451.44
RM_JF_ASTM D3948_8 oz	Water Separation	JF	ASTM D3948	8 oz AGB	\$366.85
RM_JF_ASTM D7224_8 oz	Water Separation	JF	ASTM D7224	8 oz AGB	\$366.85
RM_TO_ASTM D1401_125 mL	Water Separation	TO	ASTM D1401	125 mL AIB	\$379.83
RM_LG_ASTM D4049_4 oz	Water Spray Resistance	LG	ASTM D4049	4 oz ELPC	\$337.67
RM_LG_ASTM D1264_4 oz	Water Washout	LG	ASTM D1264	4 oz ELPC	\$337.67



# REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_ALA_ASTM D664_125 mL	ALA	Acid Number / Base Number	ASTM D664	125 mL AIB	\$309.78
RM_ALA_ASTM D2896_125 mL	ALA	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$309.78
RM_ALA_ASTM D4739_125 mL	ALA	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$309.78
RM_ALA_ASTM D482_250 mL	ALA	Ash	ASTM D482	250 mL AIB	\$344.20
RM_ALA_ASTM D874_250 mL	ALA	Ash	ASTM D874	250 mL AIB	\$344.20
RM_ALA_ASTM D4052_125 mL	ALA	Density (Gravity)	ASTM D4052	125 mL AIB	\$309.78
RM_ALA_ASTM D4951_4 oz	ALA	Elemental Analysis	ASTM D4951	4 oz AGB	\$349.78
RM_ALA_ASTM D5291_125 mL	ALA	Elemental Analysis	ASTM D5291	125 mL AIB	\$319.78
RM_ALA_ASTM D92_250 mL	ALA	Flash Point	ASTM D92	250 mL AIB	\$344.20
RM_ALA_ASTM D93_250 mL	ALA	Flash Point	ASTM D93	250 mL AIB	\$344.20
RM_ALA_ASTM D1552_4 oz	ALA	Sulfur	ASTM D1552	4 oz AGB	\$309.78
RM_ALA_ASTM D445_125 mL	ALA	Viscosity	ASTM D445	125 mL AIB	\$309.78
RM_ALA_ASTM D6304_125 mL	ALA	Water	ASTM D6304	125 mL AIB	\$309.78
RM_ATF_ASTM D664_125 mL	ATF	Acid Number / Base Number	ASTM D664	125 mL AIB	\$310.15
RM_ATF_ASTM D974_125 mL	ATF	Acid Number / Base Number	ASTM D974	125 mL AIB	\$315.15
RM_ATF_ASTM D2896_125 mL	ATF	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$310.15
RM_ATF_ASTM D4739_125 mL	ATF	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$310.15
RM_ATF_ASTM D1500_125 mL	ATF	Color	ASTM D1500	125 mL AIB	\$310.15
RM_ATF_ASTM D130_4 oz	ATF	Corrosion	ASTM D130	4 oz AGB	\$310.15
RM_ATF_ASTM D665_16 oz	ATF	Corrosion	ASTM D665	16 oz AGB	\$413.53
RM_ATF_ASTM D287_1L	ATF	Density (Gravity)	ASTM D287	1L AIB	\$447.99
RM_ATF_ASTM D1298_1L	ATF	Density (Gravity)	ASTM D1298	1L AIB	\$447.99
RM_ATF_ASTM D4052_125 mL	ATF	Density (Gravity)	ASTM D4052	125 mL AIB	\$310.15
RM_ATF_ASTM D4951_4 oz	ATF	Elemental Analysis	ASTM D4951	4 oz AGB	\$350.15
RM_ATF_ASTM D5185_4 oz	ATF	Elemental Analysis	ASTM D5185	4 oz AGB	\$355.15
RM_ATF_ASTM D92_250 mL	ATF	Flash Point	ASTM D92	250 mL AIB	\$344.61
RM_ATF_ASTM D93_250 mL	ATF	Flash Point	ASTM D93	250 mL AIB	\$344.61
RM_ATF_ASTM D892_250 mL	ATF	Foaming Tendency	ASTM D892	250 mL AIB	\$344.61
RM_ATF_ASTM D6082_1L	ATF	Foaming Tendency	ASTM D6082	1L AIB	\$447.99
RM_ATF_ASTM D445_125 mL	ATF	Viscosity	ASTM D445	125 mL AIB	\$310.15
RM_ATF_ASTM D2983_125 mL	ATF	Viscosity	ASTM D2983	125 mL AIB	\$310.15
RM_BDF_ASTM D482_250 mL	BDF	Ash	ASTM D482	250 mL AIB	\$340.11
RM_BDF_ASTM D524_125 mL	BDF	Carbon Residue	ASTM D524	125 mL AIB	\$311.10
RM_BDF_ASTM D2500_250 mL	BDF	Cloud Point	ASTM D2500	250 mL AIB	\$340.11
RM_BDF_ASTM D5771_250 mL	BDF	Cloud Point	ASTM D5771	250 mL AIB	\$345.11
RM_BDF_ASTM D5773_125 mL	BDF	Cloud Point	ASTM D5773	125 mL AIB	\$311.10
RM_BDF_ASTM D6371_125 mL	BDF	Cold Filter Plugging Point	ASTM D6371	125 mL AIB	\$306.10
RM_BDF_ASTM D2624_8 oz	BDF	Conductivity	ASTM D2624	8 oz AGB	\$340.11
RM_BDF_ASTM D130_4 oz	BDF	Corrosion	ASTM D130	4 oz AGB	\$306.10





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Product Code	Matrix	Property	Test Method	Container	Price
RM_BDF_ASTM D1298_1L	BDF	Density (Gravity)	ASTM D1298	1L AIB	\$442.15
RM_BDF_ASTM D4052_125 mL	BDF	Density (Gravity)	ASTM D4052	125 mL AIB	\$306.10
RM_BDF_ASTM D86_250 mL	BDF	Distillation	ASTM D86	250 mL AIB	\$360.11
RM_BDF_ASTM D7371_125 mL	BDF	FAME	ASTM D7371	125 mL AIB	\$306.10
RM_BDF_EN 14078_125 mL	BDF	FAME	EN 14078	125 mL AIB	\$306.10
RM_BDF_ASTM D93_250 mL	BDF	Flash Point	ASTM D93	250 mL AIB	\$340.11
RM_BDF_ASTM D6079_4 oz	BDF	Lubricity	ASTM D6079	4 oz AGB	\$306.10
RM_BDF_ASTM D5950_250 mL	BDF	Pour Point	ASTM D5950	250 mL AIB	\$340.11
RM_BDF_EN 15751_125 mL	BDF	Stability - Oxidation	EN 15751	125 mL AIB	\$306.10
RM_BDF_ASTM D5453_4 oz	BDF	Sulfur	ASTM D5453	4 oz AGB	\$306.10
RM_BDF_ASTM D445_125 mL	BDF	Viscosity	ASTM D445	125 mL AIB	\$306.10
RM_BDF_ASTM D6304_125 mL	BDF	Water	ASTM D6304	125 mL AIB	\$306.10
RM_BIOD_ASTM D974_125 mL	BIOD	Acid Number / Base Number	ASTM D974	125 mL AIB	\$297.63
RM_BIOD_ASTM D482_250 mL	BIOD	Ash	ASTM D482	250 mL AIB	\$325.14
RM_BIOD_ASTM D874_250 mL	BIOD	Ash	ASTM D874	250 mL AIB	\$325.14
RM_BIOD_ASTM D189_125 mL	BIOD	Carbon Residue	ASTM D189	125 mL AIB	\$297.63
RM_BIOD_ASTM D2500_250 mL	BIOD	Cloud Point	ASTM D2500	250 mL AIB	\$325.14
RM_BIOD_ASTM D5771_250 mL	BIOD	Cloud Point	ASTM D5771	250 mL AIB	\$330.14
RM_BIOD_ASTM D5773_125 mL	BIOD	Cloud Point	ASTM D5773	125 mL AIB	\$297.63
RM_BIOD_ASTM D7397_125 mL	BIOD	Cloud Point	ASTM D7397	125 mL AIB	\$292.63
RM_BIOD_ASTM D6371_125 mL	BIOD	Cold Filter Plugging Point	ASTM D6371	125 mL AIB	\$292.63
RM_BIOD_ASTM D7501_500 mL	BIOD	Cold Soak Filtration	ASTM D7501	500 mL AIB	\$390.17
RM_BIOD_ASTM D130_4 oz	BIOD	Corrosion	ASTM D130	4 oz AGB	\$292.63
RM_BIOD_ASTM D1298_1L	BIOD	Density (Gravity)	ASTM D1298	1L AIB	\$422.68
RM_BIOD_ASTM D4052_125 mL	BIOD	Density (Gravity)	ASTM D4052	125 mL AIB	\$292.63
RM_BIOD_ASTM D1160_250 mL	BIOD	Distillation	ASTM D1160	250 mL AIB	\$335.14
RM_BIOD_ASTM D4951_4 oz	BIOD	Elemental Analysis	ASTM D4951	4 oz AGB	\$332.63
RM_BIOD_ASTM D5185_4 oz	BIOD	Elemental Analysis	ASTM D5185	4 oz AGB	\$337.63
RM_BIOD_EN 14538_4 oz	BIOD	Elemental Analysis	EN 14538	4 oz AGB	\$297.63
RM_BIOD_EN 14103_5 mL	BIOD	FAME	EN 14103	5 mL AGA (8/pk)	\$460.20
RM_BIOD_ASTM D93_250 mL	BIOD	Flash Point	ASTM D93	250 mL AIB	\$325.14
RM_BIOD_ASTM D6584_5 mL	BIOD	Glycerin & Glycerides	ASTM D6584	5 mL AGA (8/pk)	\$475.20
RM_BIOD_ASTM D6079_4 oz	BIOD	Lubricity	ASTM D6079	4 oz AGB	\$292.63
RM_BIOD_ASTM D7688_4 oz	BIOD	Lubricity	ASTM D7688	4 oz AGB	\$292.63
RM_BIOD_EN 14110_20 mL	BIOD	Methanol	EN 14110	20 mL AGA (4/pk)	\$357.66
RM_BIOD_ASTM D7321_2.5 L	BIOD	Particulate	ASTM D7321	2.5 L AIB	\$650.28
RM_BIOD_EN 14112_125 mL	BIOD	Stability - Oxidation	EN 14112	125 mL AIB	\$292.63
RM_BIOD_EN 15751_125 mL	BIOD	Stability - Oxidation	EN 15751	125 mL AIB	\$292.63
RM_BIOD_ASTM D6468_250 mL	BIOD	Stability - Thermal	ASTM D6468	250 mL AIB	\$330.14



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_BIOD_ASTM D5453_4 oz	BIOD	Sulfur	ASTM D5453	4 oz AGB	\$292.63
RM_BIOD_ASTM D7039_4 oz	BIOD	Sulfur	ASTM D7039	4 oz AGB	\$292.63
RM_BIOD_ASTM D445_125 mL	BIOD	Viscosity	ASTM D445	125 mL AIB	\$292.63
RM_BIOD_ASTM D7042_125 mL	BIOD	Viscosity	ASTM D7042	125 mL AIB	\$292.63
RM_BIOD_ASTM E203_125 mL	BIOD	Water	ASTM E203	125 mL AIB	\$292.63
RM_BIOD_ASTM D6304_125 mL	BIOD	Water	ASTM D6304	125 mL AIB	\$292.63
RM_BIOD_ASTM D2709_250 mL	BIOD	Water and Sediment	ASTM D2709	250 mL AIB	\$325.14
RM_BO_ASTM D664_125 mL	BO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$317.27
RM_BO_ASTM D611_125 mL	BO	Aniline Point	ASTM D611	125 mL AIB	\$317.27
RM_BO_ASTM D2007_125 mL	BO	Aromatics	ASTM D2007	125 mL AIB	\$327.27
RM_BO_ASTM D482_250 mL	BO	Ash	ASTM D482	250 mL AIB	\$352.52
RM_BO_ASTM D189_125 mL	BO	Carbon Residue	ASTM D189	125 mL AIB	\$322.27
RM_BO_ASTM D524_125 mL	BO	Carbon Residue	ASTM D524	125 mL AIB	\$322.27
RM_BO_ASTM D1500_125 mL	BO	Color	ASTM D1500	125 mL AIB	\$317.27
RM_BO_ASTM D6045_250 mL	BO	Color	ASTM D6045	250 mL AIB	\$357.52
RM_BO_ASTM D130_4 oz	BO	Corrosion	ASTM D130	4 oz AGB	\$317.27
RM_BO_ASTM D1298_1L	BO	Density (Gravity)	ASTM D1298	1 L AIB	\$458.28
RM_BO_ASTM D4052_125 mL	BO	Density (Gravity)	ASTM D4052	125 mL AIB	\$317.27
RM_BO_ASTM D5800_250 mL	BO	Evaporation Loss	ASTM D5800	250 mL AIB	\$352.52
RM_BO_ASTM D92_250 mL	BO	Flash Point	ASTM D92	250 mL AIB	\$352.52
RM_BO_ASTM D93_250 mL	BO	Flash Point	ASTM D93	250 mL AIB	\$352.52
RM_BO_ASTM D7419_5 mL	BO	Hydrocarbon Type	ASTM D7419	5 mL AGA (8/pk)	\$498.53
RM_BO_ASTM D5762_125 mL	BO	Nitrogen	ASTM D5762	125 mL AIB	\$317.27
RM_BO_ASTM D97_250 mL	BO	Pour Point	ASTM D97	250 mL AIB	\$362.52
RM_BO_ASTM D5949_125 mL	BO	Pour Point	ASTM D5949	125 mL AIB	\$317.27
RM_BO_ASTM D5950_250 mL	BO	Pour Point	ASTM D5950	250 mL AIB	\$352.52
RM_BO_ASTM D6749_125 mL	BO	Pour Point	ASTM D6749	125 mL AIB	\$317.27
RM_BO_ASTM D1218_125 mL	BO	Refractive Index	ASTM D1218	125 mL AIB	\$317.27
RM_BO_ASTM D1747_125 mL	BO	Refractive Index	ASTM D1747	125 mL AIB	\$317.27
RM_BO_ASTM D2887_5 mL	BO	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$553.53
RM_BO_ASTM D7500_5 mL	BO	Simulated Distillation	ASTM D7500	5 mL AGA (8/pk)	\$553.53
RM_BO_ASTM D2622_4 oz	BO	Sulfur	ASTM D2622	4 oz AGB	\$317.27
RM_BO_ASTM D4294_4 oz	BO	Sulfur	ASTM D4294	4 oz AGB	\$317.27
RM_BO_ASTM D5453_4 oz	BO	Sulfur	ASTM D5453	4 oz AGB	\$317.27
RM_BO_ASTM D445_125 mL	BO	Viscosity	ASTM D445	125 mL AIB	\$317.27
RM_BO_ASTM D5293_250 mL	BO	Viscosity	ASTM D5293	250 mL AIB	\$352.52
RM_BO_ASTM D7042_125 mL	BO	Viscosity	ASTM D7042	125 mL AIB	\$317.27
RM_BO_ASTM D6417_5 mL	BO	Volatility	ASTM D6417	5 mL AGA (8/pk)	\$493.53
RM_BO_ASTM D6304_125 mL	BO	Water	ASTM D6304	125 mL AIB	\$317.27



# REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_BO_ASTM D1401_125 mL	BO	Water Separation	ASTM D1401	125 mL AIB	\$317.27
RM_BZ_ASTM D4492_125 mL	BZ	Purity	ASTM D4492	125 mL AIB	\$292.50
RM_BZ_ASTM D5713_20 mL	BZ	Purity	ASTM D5713	20 mL AGA (4/pk)	\$420.00
RM_BZ_ASTM D7011_5 mL	BZ	Sulfur	ASTM D7011	5 mL AGA (8/pk)	\$462.00
RM_BZ_ASTM D7504_5 mL	BZ	Trace Impurities	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_BZ_ASTM D6304_125 mL	BZ	Water	ASTM D6304	125 mL AIB	\$247.50
RM_BZ_ASTM E1064_125 mL	BZ	Water	ASTM E1064	125 mL AIB	\$247.50
RM_CO_ASTM D664_125 mL	CO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$340.53
RM_CO_ASTM D8045_125 mL	CO	Acid Number / Base Number	ASTM D8045	125 mL AIB	\$340.53
RM_CO_ASTM D4530_125 mL	CO	Carbon Residue	ASTM D4530	125 mL AIB	\$345.53
RM_CO_ASTM D4929_1L	CO	Chloride	ASTM D4929	1L AIB	\$756.74
RM_CO_ASTM D287_1L	CO	Density (Gravity)	ASTM D287	1L AIB	\$756.74
RM_CO_ASTM D1298_1L	CO	Density (Gravity)	ASTM D1298	1L AIB	\$756.74
RM_CO_ASTM D5002_125 mL	CO	Density (Gravity)	ASTM D5002	125 mL AIB	\$340.53
RM_CO_ASTM D5708_4 oz	CO	Elemental Analysis	ASTM D5708	4 oz AGB	\$350.53
RM_CO_ASTM D5863_4 oz	CO	Elemental Analysis	ASTM D5863	4 oz AGB	\$350.53
RM_CO_ASTM D8252_4 oz	CO	Elemental Analysis	ASTM D8252	4 oz AGB	\$345.53
RM_CO_ASTM D6560_125 mL	CO	Insolubles - Heptane	ASTM D6560	125 mL AIB	\$340.53
RM_CO_ASTM D4629_125 mL	CO	Nitrogen	ASTM D4629	125 mL AIB	\$340.53
RM_CO_ASTM D5762_125 mL	CO	Nitrogen	ASTM D5762	125 mL AIB	\$340.53
RM_CO_ASTM D97_250 mL	CO	Pour Point	ASTM D97	250 mL AIB	\$388.37
RM_CO_ASTM D5853_125 mL	CO	Pour Point	ASTM D5853	125 mL AIB	\$340.53
RM_CO_ASTM D3230_125 mL	CO	Salt	ASTM D3230	125 mL AIB	\$340.53
RM_CO_ASTM D473_125 mL	CO	Sediment	ASTM D473	125 mL AIB	\$340.53
RM_CO_ASTM D4807_125 mL	CO	Sediment	ASTM D4807	125 mL AIB	\$340.53
RM_CO_ASTM D7169_125 mL	CO	Simulated Distillation	ASTM D7169	125 mL AIB	\$440.53
RM_CO_ASTM D2622_4 oz	CO	Sulfur	ASTM D2622	4 oz AGB	\$340.53
RM_CO_ASTM D4294_4 oz	CO	Sulfur	ASTM D4294	4 oz AGB	\$340.53
RM_CO_ASTM D323_1L	CO	Vapor Pressure	ASTM D323	1L AIB	\$756.74
RM_CO_ASTM D5191_250 mL	CO	Vapor Pressure	ASTM D5191	250 mL AIB	\$383.37
RM_CO_ASTM D6377_250 mL	CO	Vapor Pressure	ASTM D6377	250 mL AIB	\$378.37
RM_CO_ASTM D445_125 mL	CO	Viscosity	ASTM D445	125 mL AIB	\$340.53
RM_CO_ASTM D7042_125 mL	CO	Viscosity	ASTM D7042	125 mL AIB	\$340.53
RM_CO_ASTM D4006_250 mL	CO	Water	ASTM D4006	250 mL AIB	\$378.37
RM_CO_ASTM D4377_125 mL	CO	Water	ASTM D4377	125 mL AIB	\$340.53
RM_CO_ASTM D4928_125 mL	CO	Water	ASTM D4928	125 mL AIB	\$340.53
RM_CO_ASTM D4007_250 mL	CO	Water and Sediment	ASTM D4007	250 mL AIB	\$378.37
RM_DEF_ASTM D1123_125 mL	DEF	Water	ASTM D1123	125 mL AIB	\$250.93
RM_DF_ASTM D664_125 mL	DF	Acid Number / Base Number	ASTM D664	125 mL AIB	\$295.32



# REFERENCE MATERIALS BY MATRIX



ASTM INTERNATIONAL LABORATORY SERVICES  
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Product Code	Matrix	Property	Test Method	Container	Price
RM_DF_ASTM D5186_5 mL	DF	Aromatics	ASTM D5186	5 mL AGA (8/pk)	\$469.39
RM_DF_ASTM D6591_10 mL	DF	Aromatics	ASTM D6591	10 mL AGA (8/pk)	\$479.39
RM_DF_ASTM D482_250 mL	DF	Ash	ASTM D482	250 mL AIB	\$328.14
RM_DF_ASTM D189_125 mL	DF	Carbon Residue	ASTM D189	125 mL AIB	\$300.32
RM_DF_ASTM D524_125 mL	DF	Carbon Residue	ASTM D524	125 mL AIB	\$300.32
RM_DF_ASTM D4530_125 mL	DF	Carbon Residue	ASTM D4530	125 mL AIB	\$300.32
RM_DF_ASTM D613_1L	DF	Cetane Number	ASTM D613	1 L AIB	\$482.63
RM_DF_ASTM D6890_250 mL	DF	Cetane Number, Derived	ASTM D6890	250 mL AIB	\$328.14
RM_DF_ASTM D7668_500 mL	DF	Cetane Number, Derived	ASTM D7668	500 mL AIB	\$445.50
RM_DF_ASTM D2500_250 mL	DF	Cloud Point	ASTM D2500	250 mL AIB	\$328.14
RM_DF_ASTM D5771_250 mL	DF	Cloud Point	ASTM D5771	250 mL AIB	\$333.14
RM_DF_ASTM D5773_125 mL	DF	Cloud Point	ASTM D5773	125 mL AIB	\$300.32
RM_DF_ASTM D7689_125 mL	DF	Cloud Point	ASTM D7689	125 mL AIB	\$295.32
RM_DF_ASTM D6371_125 mL	DF	Cold Filter Plugging Point	ASTM D6371	125 mL AIB	\$295.32
RM_DF_ASTM D1500_125 mL	DF	Color	ASTM D1500	125 mL AIB	\$295.32
RM_DF_ASTM D6045_250 mL	DF	Color	ASTM D6045	250 mL AIB	\$333.14
RM_DF_ASTM D2624_8 oz	DF	Conductivity	ASTM D2624	8 oz AGB	\$328.14
RM_DF_ASTM D130_4 oz	DF	Corrosion	ASTM D130	4 oz AGB	\$295.32
RM_DF_ASTM D1298_1L	DF	Density (Gravity)	ASTM D1298	1 L AIB	\$426.58
RM_DF_ASTM D4052_125 mL	DF	Density (Gravity)	ASTM D4052	125 mL AIB	\$295.32
RM_DF_ASTM D7777_125 mL	DF	Density (Gravity)	ASTM D7777	125 mL AIB	\$295.32
RM_DF_ASTM D86_250 mL	DF	Distillation	ASTM D86	250 mL AIB	\$348.14
RM_DF_ASTM D7345_125 mL	DF	Distillation	ASTM D7345	125 mL AIB	\$305.32
RM_DF_ASTM D5291_125 mL	DF	Elemental Analysis	ASTM D5291	125 mL AIB	\$305.32
RM_DF_ASTM D8110_4 oz	DF	Elemental Analysis	ASTM D8110	4 oz AGB	\$325.32
RM_DF_ASTM D93_250 mL	DF	Flash Point	ASTM D93	250 mL AIB	\$328.14
RM_DF_ASTM D3828_125 mL	DF	Flash Point	ASTM D3828	125 mL AIB	\$295.32
RM_DF_ASTM D6450_125 mL	DF	Flash Point	ASTM D6450	125 mL AIB	\$295.32
RM_DF_ASTM D7094_125 mL	DF	Flash Point	ASTM D7094	125 mL AIB	\$295.32
RM_DF_ASTM D240_125 mL	DF	Heat of Combustion	ASTM D240	125 mL AIB	\$300.32
RM_DF_ASTM D1319_5 mL	DF	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$469.39
RM_DF_ASTM D6079_4 oz	DF	Lubricity	ASTM D6079	4 oz AGB	\$295.32
RM_DF_ASTM D7688_4 oz	DF	Lubricity	ASTM D7688	4 oz AGB	\$295.32
RM_DF_ASTM D4629_125 mL	DF	Nitrogen	ASTM D4629	125 mL AIB	\$295.32
RM_DF_ASTM D5762_125 mL	DF	Nitrogen	ASTM D5762	125 mL AIB	\$295.32
RM_DF_ASTM D6217_2.5 L	DF	Particulate	ASTM D6217	2.5 L AIB	\$656.27



# REFERENCE MATERIALS BY MATRIX



ASTM INTERNATIONAL LABORATORY SERVICES  
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Product Code	Matrix	Property	Test Method	Container	Price
RM_DF_ASTM D97_250 mL	DF	Pour Point	ASTM D97	250 mL AIB	\$338.14
RM_DF_ASTM D5949_125 mL	DF	Pour Point	ASTM D5949	125 mL AIB	\$295.32
RM_DF_ASTM D5950_250 mL	DF	Pour Point	ASTM D5950	250 mL AIB	\$328.14
RM_DF_ASTM D7346_125 mL	DF	Pour Point	ASTM D7346	125 mL AIB	\$305.32
RM_DF_ASTM D2887_5 mL	DF	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$519.39
RM_DF_ASTM D7545_125 mL	DF	Stability - Oxidation	ASTM D7545	125 mL AIB	\$295.32
RM_DF_ASTM D6468_250 mL	DF	Stability - Thermal	ASTM D6468	250 mL AIB	\$333.14
RM_DF_ASTM D2622_4 oz	DF	Sulfur	ASTM D2622	4 oz AGB	\$295.32
RM_DF_ASTM D4294_4 oz	DF	Sulfur	ASTM D4294	4 oz AGB	\$295.32
RM_DF_ASTM D5453_4 oz	DF	Sulfur	ASTM D5453	4 oz AGB	\$295.32
RM_DF_ASTM D7039_4 oz	DF	Sulfur	ASTM D7039	4 oz AGB	\$295.32
RM_DF_ASTM D7220_4 oz	DF	Sulfur	ASTM D7220	4 oz AGB	\$295.32
RM_DF_ASTM D445_125 mL	DF	Viscosity	ASTM D445	125 mL AIB	\$295.32
RM_DF_ASTM D7042_125 mL	DF	Viscosity	ASTM D7042	125 mL AIB	\$295.32
RM_DF_ASTM D6304_125 mL	DF	Water	ASTM D6304	125 mL AIB	\$295.32
RM_EC_ASTM D1121_125 mL	EC	Alkalinity	ASTM D1121	125 mL AIB	\$218.06
RM_EC_ASTM D1119_125 mL	EC	Ash	ASTM D1119	125 mL AIB	\$218.06
RM_EC_ASTM D1120_125 mL	EC	Boiling Point	ASTM D1120	125 mL AIB	\$218.06
RM_EC_ASTM D3634_125 mL	EC	Chloride	ASTM D3634	125 mL AIB	\$218.06
RM_EC_ASTM D1384_32 oz	EC	Corrosion	ASTM D1384	32 oz AGB	\$339.98
RM_EC_ASTM D4340_16 oz	EC	Corrosion	ASTM D4340	16 oz AGB	\$290.75
RM_EC_ASTM D7304_250 mL	EC	Denatonium Ion	ASTM D7304	250 mL AIB	\$242.29
RM_EC_ASTM D1122_1L	EC	Density (Gravity)	ASTM D1122	1L AIB	\$314.98
RM_EC_ASTM D5931_125 mL	EC	Density (Gravity)	ASTM D5931	125 mL AIB	\$218.06
RM_EC_ASTM D5827_250 mL	EC	Elemental - Ions	ASTM D5827	250 mL AIB	\$262.29
RM_EC_ASTM D6130_4 oz	EC	Elemental Analysis	ASTM D6130	4 oz AGB	\$278.06
RM_EC_ASTM D1881_250 mL	EC	Foaming Tendency	ASTM D1881	250 mL AIB	\$247.29
RM_EC_ASTM D4921_125 mL	EC	Foaming Tendency	ASTM D4921	125 mL AIB	\$218.06
RM_EC_ASTM D1177_250 mL	EC	Freeze Point	ASTM D1177	250 mL AIB	\$242.29
RM_EC_ASTM D3321_125 mL	EC	Freeze Point	ASTM D3321	125 mL AIB	\$218.06
RM_EC_ASTM D1287_250 mL	EC	pH	ASTM D1287	250 mL AIB	\$242.29
RM_EC_ASTM E203_125 mL	EC	Water	ASTM E203	125 mL AIB	\$218.06
RM_ETOH_ASTM D1613_125 mL	ETOH	Acid Number / Base Number	ASTM D1613	125 mL AIB	\$381.81
RM_ETOH_ASTM D7795_125 mL	ETOH	Acid Number / Base Number	ASTM D7795	125 mL AIB	\$381.81
RM_ETOH_ASTM D4052_125 mL	ETOH	Density (Gravity)	ASTM D4052	125 mL AIB	\$381.81
RM_ETOH_ASTM D7319_125 mL	ETOH	Elemental - Ions	ASTM D7319	125 mL AIB	\$391.81
RM_ETOH_ASTM D7328_125 mL	ETOH	Elemental - Ions	ASTM D7328	125 mL AIB	\$391.81
RM_ETOH_ASTM D381_125 mL	ETOH	Gum Content	ASTM D381	125 mL AIB	\$391.81
RM_ETOH_ASTM D5501_5 mL	ETOH	Oxygenates	ASTM D5501	5 mL AGA (8/pk)	\$598.93



# REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_ETOH_ASTM D6423_125 mL	ETOH	pH	ASTM D6423	125 mL AIB	\$381.81
RM_ETOH_ASTM D5453_4 oz	ETOH	Sulfur	ASTM D5453	4 oz AGB	\$381.81
RM_ETOH_ASTM D7039_4 oz	ETOH	Sulfur	ASTM D7039	4 oz AGB	\$381.81
RM_ETOH_ASTM E203_125 mL	ETOH	Water	ASTM E203	125 mL AIB	\$381.81
RM_ETOH_ASTM D7923_125 mL	ETOH	Water	ASTM D7923	125 mL AIB	\$381.81
RM_ETOH_ASTM E1064_125 mL	ETOH	Water	ASTM E1064	125 mL AIB	\$381.81
RM_F24_ASTM D3242_250 mL	F24	Acid Number / Base Number	ASTM D3242	250 mL AIB	\$494.54
RM_F24_ASTM D156_125 mL	F24	Color	ASTM D156	125 mL AIB	\$445.09
RM_F24_ASTM D6045_250 mL	F24	Color	ASTM D6045	250 mL AIB	\$499.54
RM_F24_ASTM D130_4 oz	F24	Corrosion	ASTM D130	4 oz AGB	\$445.09
RM_F24_ASTM D1298_1L	F24	Density (Gravity)	ASTM D1298	1L AIB	\$642.90
RM_F24_ASTM D4052_125 mL	F24	Density (Gravity)	ASTM D4052	125 mL AIB	\$445.09
RM_F24_ASTM D86_250 mL	F24	Distillation	ASTM D86	250 mL AIB	\$514.54
RM_F24_ASTM D7345_125 mL	F24	Distillation	ASTM D7345	125 mL AIB	\$455.09
RM_F24_ASTM D56_125 mL	F24	Flash Point	ASTM D56	125 mL AIB	\$445.09
RM_F24_ASTM D93_250 mL	F24	Flash Point	ASTM D93	250 mL AIB	\$494.54
RM_F24_ASTM D4176_1L	F24	Free Water and Particulate	ASTM D4176	1L AIB	\$642.90
RM_F24_ASTM D2386_125 mL	F24	Freeze Point	ASTM D2386	125 mL AIB	\$445.09
RM_F24_ASTM D5972_125 mL	F24	Freeze Point	ASTM D5972	125 mL AIB	\$445.09
RM_F24_ASTM D7153_125 mL	F24	Freeze Point	ASTM D7153	125 mL AIB	\$445.09
RM_F24_ASTM D5006_250 mL	F24	Fuel System Icing Inhibitor	ASTM D5006	250 mL AIB	\$494.54
RM_F24_ASTM D4809_125 mL	F24	Heat of Combustion	ASTM D4809	125 mL AIB	\$450.09
RM_F24_ASTM D1319_5 mL	F24	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$702.36
RM_F24_ASTM D1840_5 mL	F24	Naphthalenes	ASTM D1840	5 mL AGA (8/pk)	\$692.36
RM_F24_ASTM D5452_1G	F24	Particulate	ASTM D5452	1G ELSC	\$989.08
RM_F24_ASTM D2887_5 mL	F24	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$752.36
RM_F24_ASTM D1322_125 mL	F24	Smoke Point	ASTM D1322	125 mL AIB	\$445.09
RM_F24_ASTM D3241_32 oz	F24	Stability - Thermal	ASTM D3241	32 oz AGB	\$647.90
RM_F24_ASTM D2622_4 oz	F24	Sulfur	ASTM D2622	4 oz AGB	\$445.09
RM_F24_ASTM D3227_250 mL	F24	Sulfur	ASTM D3227	250 mL AIB	\$494.54
RM_F24_ASTM D4294_4 oz	F24	Sulfur	ASTM D4294	4 oz AGB	\$445.09
RM_F24_ASTM D4952_4 oz	F24	Sulfur	ASTM D4952	4 oz AGB	\$445.09
RM_F24_ASTM D5453_4 oz	F24	Sulfur	ASTM D5453	4 oz AGB	\$445.09
RM_F24_ASTM D7039_4 oz	F24	Sulfur	ASTM D7039	4 oz AGB	\$445.09
RM_F24_ASTM D445_125 mL	F24	Viscosity	ASTM D445	125 mL AIB	\$445.09
RM_F24_ASTM D7042_125 mL	F24	Viscosity	ASTM D7042	125 mL AIB	\$445.09
RM_F24_ASTM D1094_125 mL	F24	Water Reaction	ASTM D1094	125 mL AIB	\$450.09
RM_F24_ASTM D3948_8 oz	F24	Water Separation	ASTM D3948	8 oz AGB	\$494.54
RM_F24_ASTM D7224_8 oz	F24	Water Separation	ASTM D7224	8 oz AGB	\$494.54



## REFERENCE MATERIALS BY MATRIX



ASTM INTERNATIONAL LABORATORY SERVICES  
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Product Code	Matrix	Property	Test Method	Container	Price
RM_FO_ASTM D664_125 mL	FO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$316.63
RM_FO_ASTM D482_250 mL	FO	Ash	ASTM D482	250 mL AIB	\$351.82
RM_FO_ASTM D189_125 mL	FO	Carbon Residue	ASTM D189	125 mL AIB	\$321.63
RM_FO_ASTM D524_125 mL	FO	Carbon Residue	ASTM D524	125 mL AIB	\$321.63
RM_FO_ASTM D4530_125 mL	FO	Carbon Residue	ASTM D4530	125 mL AIB	\$321.63
RM_FO_ASTM D4740_250 mL	FO	Cleanliness / Compatability	ASTM D4740	250 mL AIB	\$351.82
RM_FO_ASTM D287_1L	FO	Density (Gravity)	ASTM D287	1 L AIB	\$457.36
RM_FO_ASTM D1298_1L	FO	Density (Gravity)	ASTM D1298	1 L AIB	\$457.36
RM_FO_ASTM D5184_4 oz	FO	Elemental Analysis	ASTM D5184	4 oz AGB	\$321.63
RM_FO_ASTM D5185_4 oz	FO	Elemental Analysis	ASTM D5185	4 oz AGB	\$361.63
RM_FO_ASTM D5291_125 mL	FO	Elemental Analysis	ASTM D5291	125 mL AIB	\$326.63
RM_FO_ASTM D5708_4 oz	FO	Elemental Analysis	ASTM D5708	4 oz AGB	\$326.63
RM_FO_ASTM D5863_4 oz	FO	Elemental Analysis	ASTM D5863	4 oz AGB	\$326.63
RM_FO_ASTM D93_250 mL	FO	Flash Point	ASTM D93	250 mL AIB	\$351.82
RM_FO_ASTM D240_125 mL	FO	Heat of Combustion	ASTM D240	125 mL AIB	\$321.63
RM_FO_ASTM D3279_125 mL	FO	Insolubles - Heptane	ASTM D3279	125 mL AIB	\$316.63
RM_FO_ASTM D6560_125 mL	FO	Insolubles - Heptane	ASTM D6560	125 mL AIB	\$316.63
RM_FO_ASTM D4629_125 mL	FO	Nitrogen	ASTM D4629	125 mL AIB	\$316.63
RM_FO_ASTM D5762_125 mL	FO	Nitrogen	ASTM D5762	125 mL AIB	\$316.63
RM_FO_ASTM D97_250 mL	FO	Pour Point	ASTM D97	250 mL AIB	\$361.82
RM_FO_ASTM D5853_125 mL	FO	Pour Point	ASTM D5853	125 mL AIB	\$316.63
RM_FO_ASTM D5950_250 mL	FO	Pour Point	ASTM D5950	250 mL AIB	\$351.82
RM_FO_ASTM D473_125 mL	FO	Sediment	ASTM D473	125 mL AIB	\$316.63
RM_FO_ASTM D4870_125 mL	FO	Sediment	ASTM D4870	125 mL AIB	\$316.63
RM_FO_ASTM D2622_4 oz	FO	Sulfur	ASTM D2622	4 oz AGB	\$316.63
RM_FO_ASTM D4294_4 oz	FO	Sulfur	ASTM D4294	4 oz AGB	\$316.63
RM_FO_ASTM D445_125 mL	FO	Viscosity	ASTM D445	125 mL AIB	\$316.63
RM_FO_ASTM D7042_125 mL	FO	Viscosity	ASTM D7042	125 mL AIB	\$316.63
RM_FO_ASTM D95_250 mL	FO	Water	ASTM D95	250 mL AIB	\$351.82
RM_FO_ASTM D6304_125 mL	FO	Water	ASTM D6304	125 mL AIB	\$316.63
RM_FO_ASTM D1796_250 mL	FO	Water and Sediment	ASTM D1796	250 mL AIB	\$351.82
RM_GGO_ASTM D664_125 mL	GGO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$270.62
RM_GGO_ASTM D611_125 mL	GGO	Aniline Point	ASTM D611	125 mL AIB	\$270.62
RM_GGO_ASTM D482_250 mL	GGO	Ash	ASTM D482	250 mL AIB	\$300.69
RM_GGO_ASTM D1159_125 mL	GGO	Bromine Number	ASTM D1159	125 mL AIB	\$270.62
RM_GGO_ASTM D189_125 mL	GGO	Carbon Residue	ASTM D189	125 mL AIB	\$275.62
RM_GGO_ASTM D4530_125 mL	GGO	Carbon Residue	ASTM D4530	125 mL AIB	\$275.62
RM_GGO_ASTM D1500_125 mL	GGO	Color	ASTM D1500	125 mL AIB	\$270.62
RM_GGO_ASTM D6045_250 mL	GGO	Color	ASTM D6045	250 mL AIB	\$305.69



# REFERENCE MATERIALS BY MATRIX



ASTM INTERNATIONAL LABORATORY SERVICES  
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Product Code	Matrix	Property	Test Method	Container	Price
RM_GGO_ASTM D287_1L	GGO	Density (Gravity)	ASTM D287	1L AIB	\$390.89
RM_GGO_ASTM D4052_125 mL	GGO	Density (Gravity)	ASTM D4052	125 mL AIB	\$270.62
RM_GGO_ASTM D1160_250 mL	GGO	Distillation	ASTM D1160	250 mL AIB	\$310.69
RM_GGO_ASTM D5708_4 oz	GGO	Elemental Analysis	ASTM D5708	4 oz AGB	\$280.62
RM_GGO_ASTM D5863_4 oz	GGO	Elemental Analysis	ASTM D5863	4 oz AGB	\$280.62
RM_GGO_ASTM D93_250 mL	GGO	Flash Point	ASTM D93	250 mL AIB	\$300.69
RM_GGO_ASTM D4629_125 mL	GGO	Nitrogen	ASTM D4629	125 mL AIB	\$270.62
RM_GGO_ASTM D5762_125 mL	GGO	Nitrogen	ASTM D5762	125 mL AIB	\$270.62
RM_GGO_ASTM D97_250 mL	GGO	Pour Point	ASTM D97	250 mL AIB	\$310.69
RM_GGO_ASTM D5950_250 mL	GGO	Pour Point	ASTM D5950	250 mL AIB	\$300.69
RM_GGO_ASTM D2887_5 mL	GGO	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$480.96
RM_GGO_ASTM D6352_5 mL	GGO	Simulated Distillation	ASTM D6352	5 mL AGA (8/pk)	\$480.96
RM_GGO_ASTM D7169_125 mL	GGO	Simulated Distillation	ASTM D7169	125 mL AIB	\$370.62
RM_GGO_ASTM D2622_4 oz	GGO	Sulfur	ASTM D2622	4 oz AGB	\$270.62
RM_GGO_ASTM D4294_4 oz	GGO	Sulfur	ASTM D4294	4 oz AGB	\$270.62
RM_GGO_ASTM D445_125 mL	GGO	Viscosity	ASTM D445	125 mL AIB	\$270.62
RM_GO_ASTM D874_250 mL	GO	Ash	ASTM D874	250 mL AIB	\$369.42
RM_GO_ASTM D130_4 oz	GO	Corrosion	ASTM D130	4 oz AGB	\$332.48
RM_GO_ASTM D287_1L	GO	Density (Gravity)	ASTM D287	1L AIB	\$480.24
RM_GO_ASTM D4951_4 oz	GO	Elemental Analysis	ASTM D4951	4 oz AGB	\$372.48
RM_GO_ASTM D5184_4 oz	GO	Elemental Analysis	ASTM D5184	4 oz AGB	\$337.48
RM_GO_ASTM D6481_4 oz	GO	Elemental Analysis	ASTM D6481	4 oz AGB	\$347.48
RM_GO_ASTM D92_250 mL	GO	Flash Point	ASTM D92	250 mL AIB	\$369.42
RM_GO_ASTM D97_250 mL	GO	Pour Point	ASTM D97	250 mL AIB	\$379.42
RM_GO_ASTM D5949_125 mL	GO	Pour Point	ASTM D5949	125 mL AIB	\$332.48
RM_GO_ASTM D5950_250 mL	GO	Pour Point	ASTM D5950	250 mL AIB	\$369.42
RM_GO_ASTM D445_125 mL	GO	Viscosity	ASTM D445	125 mL AIB	\$332.48
RM_GO_ASTM D2983_125 mL	GO	Viscosity	ASTM D2983	125 mL AIB	\$332.48
RM_HFO_ASTM D664_125 mL	HFO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$292.63
RM_HFO_ASTM D974_125 mL	HFO	Acid Number / Base Number	ASTM D974	125 mL AIB	\$292.63
RM_HFO_ASTM D2896_125 mL	HFO	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$292.63
RM_HFO_ASTM D4739_125 mL	HFO	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$292.63
RM_HFO_ASTM D3427_250 mL	HFO	Air Release	ASTM D3427	250 mL AIB	\$325.14
RM_HFO_ASTM D130_4 oz	HFO	Corrosion	ASTM D130	4 oz AGB	\$292.63
RM_HFO_ASTM D665_16 oz	HFO	Corrosion	ASTM D665	16 oz AGB	\$390.17
RM_HFO_ASTM D4052_125 mL	HFO	Density (Gravity)	ASTM D4052	125 mL AIB	\$292.63
RM_HFO_ASTM D4951_4 oz	HFO	Elemental Analysis	ASTM D4951	4 oz AGB	\$332.63
RM_HFO_ASTM D5185_4 oz	HFO	Elemental Analysis	ASTM D5185	4 oz AGB	\$337.63
RM_HFO_ASTM D92_250 mL	HFO	Flash Point	ASTM D92	250 mL AIB	\$325.14





## REFERENCE MATERIALS BY MATRIX



ASTM INTERNATIONAL LABORATORY SERVICES  
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Product Code	Matrix	Property	Test Method	Container	Price
RM_HFO_ASTM D892_250 mL	HFO	Foaming Tendency	ASTM D892	250 mL AIB	\$325.14
RM_HFO_ASTM D97_250 mL	HFO	Pour Point	ASTM D97	250 mL AIB	\$335.14
RM_HFO_ASTM D5949_125 mL	HFO	Pour Point	ASTM D5949	125 mL AIB	\$292.63
RM_HFO_ASTM D5950_250 mL	HFO	Pour Point	ASTM D5950	250 mL AIB	\$325.14
RM_HFO_ASTM D2272_250 mL	HFO	Stability - Oxidation	ASTM D2272	250 mL AIB	\$325.14
RM_HFO_ASTM D2070_250 mL	HFO	Stability - Thermal	ASTM D2070	250 mL AIB	\$325.14
RM_HFO_ASTM D445_125 mL	HFO	Viscosity	ASTM D445	125 mL AIB	\$292.63
RM_HFO_ASTM D1401_125 mL	HFO	Water Separation	ASTM D1401	125 mL AIB	\$292.63
RM_IFQ_ASTM D664_125 mL	IFQ	Acid Number / Base Number	ASTM D664	125 mL AIB	\$301.76
RM_IFQ_ASTM D974_125 mL	IFQ	Acid Number / Base Number	ASTM D974	125 mL AIB	\$306.76
RM_IFQ_IEC 62021-1_125 mL	IFQ	Acid Number / Base Number	IEC 62021-1	125 mL AIB	\$301.76
RM_IFQ_IEC 62021-2_125 mL	IFQ	Acid Number / Base Number	IEC 62021-2	125 mL AIB	\$301.76
RM_IFQ_ASTM D611_125 mL	IFQ	Aniline Point	ASTM D611	125 mL AIB	\$301.76
RM_IFQ_ASTM D1500_125 mL	IFQ	Color	ASTM D1500	125 mL AIB	\$301.76
RM_IFQ_ASTM D1275_16 oz	IFQ	Corrosion	ASTM D1275	16 oz AGB	\$402.35
RM_IFQ_ASTM D1298_1L	IFQ	Density (Gravity)	ASTM D1298	1L AIB	\$435.88
RM_IFQ_ASTM D4052_125 mL	IFQ	Density (Gravity)	ASTM D4052	125 mL AIB	\$301.76
RM_IFQ_ISO 12185_125 mL	IFQ	Density (Gravity)	ISO 12185	125 mL AIB	\$301.76
RM_IFQ_ASTM D877_2.5 L	IFQ	Dielectric Breakdown	ASTM D877	2.5 L AIB	\$670.59
RM_IFQ_ASTM D1816_32 oz	IFQ	Dielectric Breakdown	ASTM D1816	32 oz AGB	\$440.88
RM_IFQ_IEC 60156_2.5 L	IFQ	Dielectric Breakdown	IEC 60156	2.5 L AIB	\$670.59
RM_IFQ_ASTM D92_250 mL	IFQ	Flash Point	ASTM D92	250 mL AIB	\$335.29
RM_IFQ_ASTM D93_250 mL	IFQ	Flash Point	ASTM D93	250 mL AIB	\$335.29
RM_IFQ_ASTM D971_125 mL	IFQ	Interfacial Tension	ASTM D971	125 mL AIB	\$301.76
RM_IFQ_ASTM D2668_125 mL	IFQ	Oxidation Inhibitor	ASTM D2668	125 mL AIB	\$306.76
RM_IFQ_ASTM D6786_250 mL	IFQ	Particulate	ASTM D6786	250 mL AIB	\$335.29
RM_IFQ_ASTM D97_250 mL	IFQ	Pour Point	ASTM D97	250 mL AIB	\$345.29
RM_IFQ_ASTM D5950_250 mL	IFQ	Pour Point	ASTM D5950	250 mL AIB	\$335.29
RM_IFQ_ASTM D924_2.5 L	IFQ	Power Factor	ASTM D924	2.5 L AIB	\$670.59
RM_IFQ_ASTM D1169_2.5 L	IFQ	Resistivity	ASTM D1169	2.5 L AIB	\$670.59
RM_IFQ_ASTM D2112_125 mL	IFQ	Stability - Oxidation	ASTM D2112	125 mL AIB	\$301.76
RM_IFQ_ASTM D445_125 mL	IFQ	Viscosity	ASTM D445	125 mL AIB	\$301.76
RM_IFQ_ASTM D7042_125 mL	IFQ	Viscosity	ASTM D7042	125 mL AIB	\$301.76
RM_IFQ_ISO 3104_125 mL	IFQ	Viscosity	ISO 3104	125 mL AIB	\$301.76
RM_IFQ_ASTM D1533_125 mL	IFQ	Water	ASTM D1533	125 mL AIB	\$301.76
RM_IFQ_ASTM D6304_125 mL	IFQ	Water	ASTM D6304	125 mL AIB	\$301.76
RM_IFQ_IEC 60814_125 mL	IFQ	Water	IEC 60814	125 mL AIB	\$301.76
RM_IGO_ASTM D130_4 oz	IGO	Corrosion	ASTM D130	4 oz AGB	\$451.44
RM_IGO_ASTM D665_16 oz	IGO	Corrosion	ASTM D665	16 oz AGB	\$601.92



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_IGO_ASTMD2711_500 mL	IGO	Demulsibility	ASTM D2711	500 mL AIB	\$611.92
RM_IGO_ASTMD5800_250 mL	IGO	Evaporation Loss	ASTM D5800	250 mL AIB	\$501.60
RM_IGO_ASTMD92_250 mL	IGO	Flash Point	ASTM D92	250 mL AIB	\$501.60
RM_IGO_ASTMD93_250 mL	IGO	Flash Point	ASTM D93	250 mL AIB	\$501.60
RM_IGO_ASTMD2783_8 oz	IGO	Lubricity	ASTM D2783	8 oz AGB	\$501.60
RM_IGO_ASTMD3233_4 oz	IGO	Lubricity	ASTM D3233	4 oz AGB	\$451.44
RM_IGO_ASTMD4172_8 oz	IGO	Lubricity	ASTM D4172	8 oz AGB	\$501.60
RM_IGO_ASTMD97_250 mL	IGO	Pour Point	ASTM D97	250 mL AIB	\$511.60
RM_IGO_ASTMD445_125 mL	IGO	Viscosity	ASTM D445	125 mL AIB	\$451.44
RM_IGO_ASTMD7042_125 mL	IGO	Viscosity	ASTM D7042	125 mL AIB	\$451.44
RM_IGO_ASTMD1401_125 mL	IGO	Water Separation	ASTM D1401	125 mL AIB	\$451.44
RM_IHFO_ASTMD664_125 mL	IHFO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$487.50
RM_IHFO_ASTMD974_125 mL	IHFO	Acid Number / Base Number	ASTM D974	125 mL AIB	\$492.50
RM_IHFO_ASTMD2896_125 mL	IHFO	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$487.50
RM_IHFO_ASTMD4739_125 mL	IHFO	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$487.50
RM_IHFO_ASTMD2982_125 mL	IHFO	Antifreeze Contamination	ASTM D2982	125 mL AIB	\$487.50
RM_IHFO_ASTMD5185_4 oz	IHFO	Elemental Analysis	ASTM D5185	4 oz AGB	\$532.50
RM_IHFO_ASTMD6595_4 oz	IHFO	Elemental Analysis	ASTM D6595	4 oz AGB	\$592.50
RM_IHFO_ASTMD92_250 mL	IHFO	Flash Point	ASTM D92	250 mL AIB	\$650.00
RM_IHFO_ASTMD7647_125 mL	IHFO	Particulate	ASTM D7647	125 mL AIB	\$502.50
RM_IHFO_ASTMD445_125 mL	IHFO	Viscosity	ASTM D445	125 mL AIB	\$487.50
RM_IHFO_ASTMD7042_125 mL	IHFO	Viscosity	ASTM D7042	125 mL AIB	\$487.50
RM_IHFO_ASTMD7279_125 mL	IHFO	Viscosity	ASTM D7279	125 mL AIB	\$487.50
RM_IHFO_ASTME203_125 mL	IHFO	Water	ASTM E203	125 mL AIB	\$487.50
RM_IHFO_ASTMD1744_125 mL	IHFO	Water	ASTM D1744	125 mL AIB	\$487.50
RM_IHFO_ASTMD6304_125 mL	IHFO	Water	ASTM D6304	125 mL AIB	\$487.50
RM_ISDO_ASTMD664_125 mL	ISDO	Acid Number / Base Number	ASTM D664	125 mL AIB	\$496.13
RM_ISDO_ASTMD2896_125 mL	ISDO	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$496.13
RM_ISDO_ASTMD4739_125 mL	ISDO	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$496.13
RM_ISDO_ASTMD2982_125 mL	ISDO	Antifreeze Contamination	ASTM D2982	125 mL AIB	\$496.13
RM_ISDO_ASTMD5185_4 oz	ISDO	Elemental Analysis	ASTM D5185	4 oz AGB	\$541.13
RM_ISDO_ASTMD6595_4 oz	ISDO	Elemental Analysis	ASTM D6595	4 oz AGB	\$601.13
RM_ISDO_ASTMD4291_125 mL	ISDO	Ethylene Glycol	ASTM D4291	125 mL AIB	\$496.13
RM_ISDO_ASTMD92_250 mL	ISDO	Flash Point	ASTM D92	250 mL AIB	\$661.50
RM_ISDO_ASTMD93_250 mL	ISDO	Flash Point	ASTM D93	250 mL AIB	\$661.50
RM_ISDO_ASTMD3828_125 mL	ISDO	Flash Point	ASTM D3828	125 mL AIB	\$496.13
RM_ISDO_ASTMD7624_125 mL	ISDO	FTIR - Nitration	ASTM D7624	125 mL AIB	\$496.13
RM_ISDO_ASTMD7214_125 mL	ISDO	FTIR - Oxidation	ASTM D7214	125 mL AIB	\$496.13
RM_ISDO_ASTMD7414_125 mL	ISDO	FTIR - Oxidation	ASTM D7414	125 mL AIB	\$496.13



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_ISDO_ASTM D7412_125 mL	ISDO	FTIR - Phosphate	ASTM D7412	125 mL AIB	\$496.13
RM_ISDO_ASTM D7415_125 mL	ISDO	FTIR - Sulfate	ASTM D7415	125 mL AIB	\$496.13
RM_ISDO_ASTM D3524_125 mL	ISDO	Fuel Dilution	ASTM D3524	125 mL AIB	\$496.13
RM_ISDO_ASTM D893_125 mL	ISDO	Insolubles - Pentane & Toluene	ASTM D893	125 mL AIB	\$501.13
RM_ISDO_ASTM D4055_125 mL	ISDO	Insolubles - Pentane & Toluene	ASTM D4055	125 mL AIB	\$496.13
RM_ISDO_ASTM D445_125 mL	ISDO	Viscosity	ASTM D445	125 mL AIB	\$496.13
RM_ISDO_ASTM D7042_125 mL	ISDO	Viscosity	ASTM D7042	125 mL AIB	\$496.13
RM_ISDO_ASTM D7279_125 mL	ISDO	Viscosity	ASTM D7279	125 mL AIB	\$496.13
RM_ISDO_ASTM E203_125 mL	ISDO	Water	ASTM E203	125 mL AIB	\$496.13
RM_ISDO_ASTM D1744_125 mL	ISDO	Water	ASTM D1744	125 mL AIB	\$496.13
RM_ISDO_ASTM D6304_125 mL	ISDO	Water	ASTM D6304	125 mL AIB	\$496.13
RM_JF_ASTM D3242_250 mL	JF	Acid Number / Base Number	ASTM D3242	250 mL AIB	\$366.85
RM_JF_ASTM D6379_20 mL	JF	Aromatics	ASTM D6379	20 mL AGA (4/pk)	\$413.54
RM_JF_ASTM D8267_5 mL	JF	Aromatics	ASTM D8267	5 mL AGA (8/pk)	\$523.59
RM_JF_ASTM D156_125 mL	JF	Color	ASTM D156	125 mL AIB	\$330.17
RM_JF_ASTM D6045_250 mL	JF	Color	ASTM D6045	250 mL AIB	\$371.85
RM_JF_ASTM D130_4 oz	JF	Corrosion	ASTM D130	4 oz AGB	\$330.17
RM_JF_ASTM D1298_1L	JF	Density (Gravity)	ASTM D1298	1L AIB	\$476.91
RM_JF_ASTM D4052_125 mL	JF	Density (Gravity)	ASTM D4052	125 mL AIB	\$330.17
RM_JF_ASTM D86_250 mL	JF	Distillation	ASTM D86	250 mL AIB	\$386.85
RM_JF_ASTM D7345_125 mL	JF	Distillation	ASTM D7345	125 mL AIB	\$340.17
RM_JF_ASTM D56_125 mL	JF	Flash Point	ASTM D56	125 mL AIB	\$330.17
RM_JF_ASTM D93_250 mL	JF	Flash Point	ASTM D93	250 mL AIB	\$366.85
RM_JF_ASTM D3828_125 mL	JF	Flash Point	ASTM D3828	125 mL AIB	\$330.17
RM_JF_ASTM D2386_125 mL	JF	Freeze Point	ASTM D2386	125 mL AIB	\$330.17
RM_JF_ASTM D5972_125 mL	JF	Freeze Point	ASTM D5972	125 mL AIB	\$330.17
RM_JF_ASTM D7153_125 mL	JF	Freeze Point	ASTM D7153	125 mL AIB	\$330.17
RM_JF_ASTM D5006_250 mL	JF	Fuel System Icing Inhibitor	ASTM D5006	250 mL AIB	\$366.85
RM_JF_IP 540_125 mL	JF	Gum Content	IP 540	125 mL AIB	\$330.17
RM_JF_ASTM D4809_125 mL	JF	Heat of Combustion	ASTM D4809	125 mL AIB	\$335.17
RM_JF_ASTM D1319_5 mL	JF	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$523.59
RM_JF_ASTM D3701_125 mL	JF	Hydrogen	ASTM D3701	125 mL AIB	\$330.17
RM_JF_ASTM D5001_4 oz	JF	Lubricity	ASTM D5001	4 oz AGB	\$330.17
RM_JF_ASTM D1840_5 mL	JF	Naphthalenes	ASTM D1840	5 mL AGA (8/pk)	\$513.59
RM_JF_ASTM D2887_5 mL	JF	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$573.59
RM_JF_ASTM D1322_125 mL	JF	Smoke Point	ASTM D1322	125 mL AIB	\$330.17
RM_JF_ASTM D3241_32 oz	JF	Stability - Thermal	ASTM D3241	32 oz AGB	\$481.91
RM_JF_ASTM D2622_4 oz	JF	Sulfur	ASTM D2622	4 oz AGB	\$330.17
RM_JF_ASTM D3227_250 mL	JF	Sulfur	ASTM D3227	250 mL AIB	\$366.85



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_JF_ASTM D4294_4 oz	JF	Sulfur	ASTM D4294	4 oz AGB	\$330.17
RM_JF_ASTM D5453_4 oz	JF	Sulfur	ASTM D5453	4 oz AGB	\$330.17
RM_JF_ASTM D7039_4 oz	JF	Sulfur	ASTM D7039	4 oz AGB	\$330.17
RM_JF_ASTM D445_125 mL	JF	Viscosity	ASTM D445	125 mL AIB	\$330.17
RM_JF_ASTM D7042_125 mL	JF	Viscosity	ASTM D7042	125 mL AIB	\$330.17
RM_JF_ASTM D3948_8 oz	JF	Water Separation	ASTM D3948	8 oz AGB	\$366.85
RM_JF_ASTM D7224_8 oz	JF	Water Separation	ASTM D7224	8 oz AGB	\$366.85
RM_LG_ASTM D1743_16 oz	LG	Corrosion	ASTM D1743	16 oz ELPC	\$450.23
RM_LG_ASTM D4048_8 oz	LG	Corrosion	ASTM D4048	8 oz ELPC	\$375.19
RM_LG_ASTM D6138_4 oz	LG	Corrosion	ASTM D6138	4 oz ELPC	\$337.67
RM_LG_ASTM D566_4 oz	LG	Dropping Point	ASTM D566	4 oz ELPC	\$337.67
RM_LG_ASTM D2265_4 oz	LG	Dropping Point	ASTM D2265	4 oz ELPC	\$337.67
RM_LG_ASTM D972_4 oz	LG	Evaporation Loss	ASTM D972	4 oz ELPC	\$337.67
RM_LG_ASTM D4290_4 oz	LG	Grease Leakage	ASTM D4290	4 oz ELPC	\$337.67
RM_LG_ASTM D3527_4 oz	LG	Grease Life	ASTM D3527	4 oz ELPC	\$337.67
RM_LG_ASTM D2266_8 oz	LG	Lubricity	ASTM D2266	8 oz ELPC	\$375.19
RM_LG_ASTM D2509_32 oz	LG	Lubricity	ASTM D2509	32 oz ELPC	\$487.75
RM_LG_ASTM D2596_8 oz	LG	Lubricity	ASTM D2596	8 oz ELPC	\$385.19
RM_LG_ASTM D4170_4 oz	LG	Lubricity	ASTM D4170	4 oz ELPC	\$337.67
RM_LG_ASTM D1742_4 oz	LG	Oil Separation	ASTM D1742	4 oz ELPC	\$337.67
RM_LG_ASTM D6184_4 oz	LG	Oil Separation	ASTM D6184	4 oz ELPC	\$337.67
RM_LG_ASTM D217_32 oz	LG	Penetration	ASTM D217	32 oz ELPC	\$497.75
RM_LG_ASTM D1403_8 oz	LG	Penetration	ASTM D1403	8 oz ELPC	\$390.19
RM_LG_ASTM D7342_32 oz	LG	Penetration	ASTM D7342	32 oz ELPC	\$487.75
RM_LG_ASTM D1831_8 oz	LG	Roll Stability	ASTM D1831	8 oz ELPC	\$375.19
RM_LG_ASTM D8022_8 oz	LG	Roll Stability	ASTM D8022	8 oz ELPC	\$375.19
RM_LG_ASTM D942_4 oz	LG	Stability - Oxidation	ASTM D942	4 oz ELPC	\$337.67
RM_LG_ASTM D1478_16 oz	LG	Torque	ASTM D1478	16 oz ELPC	\$455.23
RM_LG_ASTM D4049_4 oz	LG	Water Spray Resistance	ASTM D4049	4 oz ELPC	\$337.67
RM_LG_ASTM D1264_4 oz	LG	Water Washout	ASTM D1264	4 oz ELPC	\$337.67
RM_LU_ASTM D664_125 mL	LU	Acid Number / Base Number	ASTM D664	125 mL AIB	\$289.91
RM_LU_ASTM D974_125 mL	LU	Acid Number / Base Number	ASTM D974	125 mL AIB	\$294.91
RM_LU_ASTM D2896_125 mL	LU	Acid Number / Base Number	ASTM D2896	125 mL AIB	\$289.91
RM_LU_ASTM D4739_125 mL	LU	Acid Number / Base Number	ASTM D4739	125 mL AIB	\$289.91
RM_LU_ASTM D874_250 mL	LU	Ash	ASTM D874	250 mL AIB	\$322.12
RM_LU_ASTM D1500_125 mL	LU	Color	ASTM D1500	125 mL AIB	\$289.91
RM_LU_ASTM D6045_250 mL	LU	Color	ASTM D6045	250 mL AIB	\$327.12
RM_LU_ASTM D1298_1L	LU	Density (Gravity)	ASTM D1298	1 L AIB	\$418.75
RM_LU_ASTM D4052_125 mL	LU	Density (Gravity)	ASTM D4052	125 mL AIB	\$289.91



# REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_LU_ASTM D4951_4 oz	LU	Elemental Analysis	ASTM D4951	4 oz AGB	\$329.91
RM_LU_ASTM D5185_4 oz	LU	Elemental Analysis	ASTM D5185	4 oz AGB	\$334.91
RM_LU_ASTM D5291_125 mL	LU	Elemental Analysis	ASTM D5291	125 mL AIB	\$299.91
RM_LU_ASTM D6443_4 oz	LU	Elemental Analysis	ASTM D6443	4 oz AGB	\$309.91
RM_LU_ASTM D6481_4 oz	LU	Elemental Analysis	ASTM D6481	4 oz AGB	\$304.91
RM_LU_ASTM D7751_4 oz	LU	Elemental Analysis	ASTM D7751	4 oz AGB	\$309.91
RM_LU_ASTM D5800_250 mL	LU	Evaporation Loss	ASTM D5800	250 mL AIB	\$322.12
RM_LU_ASTM D6375_125 mL	LU	Evaporation Loss	ASTM D6375	125 mL AIB	\$289.91
RM_LU_ASTM D92_250 mL	LU	Flash Point	ASTM D92	250 mL AIB	\$322.12
RM_LU_ASTM D93_250 mL	LU	Flash Point	ASTM D93	250 mL AIB	\$322.12
RM_LU_ASTM D4629_125 mL	LU	Nitrogen	ASTM D4629	125 mL AIB	\$289.91
RM_LU_ASTM D5762_125 mL	LU	Nitrogen	ASTM D5762	125 mL AIB	\$289.91
RM_LU_ASTM D97_250 mL	LU	Pour Point	ASTM D97	250 mL AIB	\$332.12
RM_LU_ASTM D5949_125 mL	LU	Pour Point	ASTM D5949	125 mL AIB	\$289.91
RM_LU_ASTM D5950_250 mL	LU	Pour Point	ASTM D5950	250 mL AIB	\$322.12
RM_LU_ASTM D6749_125 mL	LU	Pour Point	ASTM D6749	125 mL AIB	\$289.91
RM_LU_ASTM D7346_125 mL	LU	Pour Point	ASTM D7346	125 mL AIB	\$299.91
RM_LU_ASTM D94_125 mL	LU	Saponification Number	ASTM D94	125 mL AIB	\$289.91
RM_LU_ASTM D6278_1L	LU	Stability - Shear	ASTM D6278	1L AIB	\$423.75
RM_LU_ASTM D129_4 oz	LU	Sulfur	ASTM D129	4 oz AGB	\$289.91
RM_LU_ASTM D2622_4 oz	LU	Sulfur	ASTM D2622	4 oz AGB	\$289.91
RM_LU_ASTM D5453_4 oz	LU	Sulfur	ASTM D5453	4 oz AGB	\$289.91
RM_LU_ASTM D445_125 mL	LU	Viscosity	ASTM D445	125 mL AIB	\$289.91
RM_LU_ASTM D4684_125 mL	LU	Viscosity	ASTM D4684	125 mL AIB	\$289.91
RM_LU_ASTM D5293_250 mL	LU	Viscosity	ASTM D5293	250 mL AIB	\$322.12
RM_LU_ASTM D5481_125 mL	LU	Viscosity	ASTM D5481	125 mL AIB	\$289.91
RM_LU_ASTM D7042_125 mL	LU	Viscosity	ASTM D7042	125 mL AIB	\$289.91
RM_LU_ASTM D7279_125 mL	LU	Viscosity	ASTM D7279	125 mL AIB	\$289.91
RM_LU_ASTM D6417_5 mL	LU	Volatility	ASTM D6417	5 mL AGA (8/pk)	\$450.96
RM_LU_ASTM D1744_125 mL	LU	Water	ASTM D1744	125 mL AIB	\$289.91
RM_LU_ASTM D6304_125 mL	LU	Water	ASTM D6304	125 mL AIB	\$289.91
RM_MG_ASTM D5580_20 mL	MG	Aromatics	ASTM D5580	20 mL AGA (4/pk)	\$406.46
RM_MG_ASTM D5769_20 mL	MG	Aromatics	ASTM D5769	20 mL AGA (4/pk)	\$406.46
RM_MG_ASTM D3606_125 mL	MG	Benzene	ASTM D3606	125 mL AIB	\$329.38
RM_MG_ASTM D130_4 oz	MG	Corrosion	ASTM D130	4 oz AGB	\$324.38
RM_MG_ASTM D1298_1L	MG	Density (Gravity)	ASTM D1298	1L AIB	\$468.54
RM_MG_ASTM D4052_125 mL	MG	Density (Gravity)	ASTM D4052	125 mL AIB	\$324.38
RM_MG_ASTM D86_250 mL	MG	Distillation	ASTM D86	250 mL AIB	\$380.42
RM_MG_ASTM D7345_125 mL	MG	Distillation	ASTM D7345	125 mL AIB	\$334.38



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_MG_ASTM D3237_4 oz	MG	Elemental - Lead	ASTM D3237	4 oz AGB	\$324.38
RM_MG_ASTM D3231_125 mL	MG	Elemental - Phosphorus	ASTM D3231	125 mL AIB	\$324.38
RM_MG_ASTM D381_125 mL	MG	Gum Content	ASTM D381	125 mL AIB	\$334.38
RM_MG_ASTM D1319_5 mL	MG	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$514.58
RM_MG_ASTM D5443_5 mL	MG	Hydrocarbon Type	ASTM D5443	5 mL AGA (8/pk)	\$564.58
RM_MG_ASTM D6730_5 mL	MG	Hydrocarbon Type	ASTM D6730	5 mL AGA (8/pk)	\$584.58
RM_MG_ASTM D6839_5 mL	MG	Hydrocarbon Type	ASTM D6839	5 mL AGA (8/pk)	\$554.58
RM_MG_ASTM D8071_5 mL	MG	Hydrocarbon Type	ASTM D8071	5 mL AGA (8/pk)	\$564.58
RM_MG_ASTM D2700_1L	MG	Octane Number, Motor	ASTM D2700	1L AIB	\$468.54
RM_MG_ASTM D2699_1L	MG	Octane Number, Research	ASTM D2699	1L AIB	\$468.54
RM_MG_ASTM D6550_20 mL	MG	Olefins	ASTM D6550	20 mL AGA (4/pk)	\$396.46
RM_MG_ASTM D7096_5 mL	MG	Simulated Distillation	ASTM D7096	5 mL AGA (8/pk)	\$564.58
RM_MG_ASTM D525_125 mL	MG	Stability - Oxidation	ASTM D525	125 mL AIB	\$324.38
RM_MG_ASTM D2622_4 oz	MG	Sulfur	ASTM D2622	4 oz AGB	\$324.38
RM_MG_ASTM D3227_250 mL	MG	Sulfur	ASTM D3227	250 mL AIB	\$360.42
RM_MG_ASTM D5453_4 oz	MG	Sulfur	ASTM D5453	4 oz AGB	\$324.38
RM_MG_ASTM D7039_4 oz	MG	Sulfur	ASTM D7039	4 oz AGB	\$324.38
RM_MG_ASTM D5188_250 mL	MG	V/L Ratio	ASTM D5188	250 mL AIB	\$360.42
RM_MG_ASTM D5191_250 mL	MG	Vapor Pressure	ASTM D5191	250 mL AIB	\$365.42
RM_MG_ASTM D6378_250 mL	MG	Vapor Pressure	ASTM D6378	250 mL AIB	\$360.42
RM_MX_ASTM D847_250 mL	MX	Acid Number / Base Number	ASTM D847	250 mL AIB	\$330.00
RM_MX_ASTM D5808_125 mL	MX	Chloride	ASTM D5808	125 mL AIB	\$247.50
RM_MX_ASTM D7536_125 mL	MX	Chloride	ASTM D7536	125 mL AIB	\$247.50
RM_MX_ASTM D848_125 mL	MX	Color	ASTM D848	125 mL AIB	\$247.50
RM_MX_ASTM D1209_250 mL	MX	Color	ASTM D1209	250 mL AIB	\$330.00
RM_MX_ASTM D5386_250 mL	MX	Color	ASTM D5386	250 mL AIB	\$330.00
RM_MX_ASTM D849_16 oz	MX	Corrosion	ASTM D849	16 oz AGB	\$660.00
RM_MX_ASTM D4052_125 mL	MX	Density (Gravity)	ASTM D4052	125 mL AIB	\$247.50
RM_MX_ASTM D7504_5 mL	MX	Trace Impurities	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_NP_ASTM D1159_125 mL	NP	Bromine Number	ASTM D1159	125 mL AIB	\$385.11
RM_NP_ASTM D6045_250 mL	NP	Color	ASTM D6045	250 mL AIB	\$432.90
RM_NP_ASTM D130_4 oz	NP	Corrosion	ASTM D130	4 oz AGB	\$385.11
RM_NP_ASTM D1298_1L	NP	Density (Gravity)	ASTM D1298	1L AIB	\$855.80
RM_NP_ASTM D4052_125 mL	NP	Density (Gravity)	ASTM D4052	125 mL AIB	\$385.11
RM_NP_ASTM D86_250 mL	NP	Distillation	ASTM D86	250 mL AIB	\$447.90
RM_NP_ASTM D1319_5 mL	NP	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$609.06
RM_NP_ASTM D5134_5 mL	NP	Hydrocarbon Type	ASTM D5134	5 mL AGA (8/pk)	\$714.06
RM_NP_ASTM D5443_5 mL	NP	Hydrocarbon Type	ASTM D5443	5 mL AGA (8/pk)	\$659.06
RM_NP_ASTM D6730_5 mL	NP	Hydrocarbon Type	ASTM D6730	5 mL AGA (8/pk)	\$679.06



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_NP_ASTM D4629_125 mL	NP	Nitrogen	ASTM D4629	125 mL AIB	\$385.11
RM_NP_ASTM D2887_5 mL	NP	Simulated Distillation	ASTM D2887	5 mL AGA (8/pk)	\$659.06
RM_NP_ASTM D2622_4 oz	NP	Sulfur	ASTM D2622	4 oz AGB	\$385.11
RM_NP_ASTM D3227_250 mL	NP	Sulfur	ASTM D3227	250 mL AIB	\$427.90
RM_NP_ASTM D4294_4 oz	NP	Sulfur	ASTM D4294	4 oz AGB	\$385.11
RM_NP_ASTM D5453_4 oz	NP	Sulfur	ASTM D5453	4 oz AGB	\$385.11
RM_NP_ASTM D7039_4 oz	NP	Sulfur	ASTM D7039	4 oz AGB	\$385.11
RM_NP_UOP 163_250 mL	NP	Sulfur	UOP 163	250 mL AIB	\$432.90
RM_NP_ASTM D5191_250 mL	NP	Vapor Pressure	ASTM D5191	250 mL AIB	\$432.90
RM_PX_ASTM D1492_125 mL	PX	Bromine Index	ASTM D1492	125 mL AIB	\$247.50
RM_PX_ASTM D5776_125 mL	PX	Bromine Index	ASTM D5776	125 mL AIB	\$247.50
RM_PX_ASTM D850_250 mL	PX	Distillation	ASTM D850	250 mL AIB	\$345.00
RM_PX_ASTM D4629_125 mL	PX	Nitrogen	ASTM D4629	125 mL AIB	\$247.50
RM_PX_ASTM D7184_125 mL	PX	Nitrogen	ASTM D7184	125 mL AIB	\$247.50
RM_PX_ASTM D7183_4 oz	PX	Sulfur	ASTM D7183	4 oz AGB	\$247.50
RM_PX_ASTM D5917_5 mL	PX	Trace Impurities	ASTM D5917	5 mL AGA (8/pk)	\$512.00
RM_PX_ASTM D7504_5 mL	PX	Trace Impurities	ASTM D7504	5 mL AGA (8/pk)	\$517.00
RM_RFG_ASTM D5580_20 mL	RFG	Aromatics	ASTM D5580	20 mL AGA (4/pk)	\$508.92
RM_RFG_ASTM D5769_20 mL	RFG	Aromatics	ASTM D5769	20 mL AGA (4/pk)	\$508.92
RM_RFG_ASTM D3606_125 mL	RFG	Benzene	ASTM D3606	125 mL AIB	\$413.21
RM_RFG_ASTM D287_1L	RFG	Density (Gravity)	ASTM D287	1L AIB	\$907.13
RM_RFG_ASTM D1298_1L	RFG	Density (Gravity)	ASTM D1298	1L AIB	\$907.13
RM_RFG_ASTM D4052_125 mL	RFG	Density (Gravity)	ASTM D4052	125 mL AIB	\$408.21
RM_RFG_ASTM D86_250 mL	RFG	Distillation	ASTM D86	250 mL AIB	\$473.57
RM_RFG_ASTM D7345_125 mL	RFG	Distillation	ASTM D7345	125 mL AIB	\$418.21
RM_RFG_ASTM D1319_5 mL	RFG	Hydrocarbon Type	ASTM D1319	5 mL AGA (8/pk)	\$644.99
RM_RFG_ASTM D6839_5 mL	RFG	Hydrocarbon Type	ASTM D6839	5 mL AGA (8/pk)	\$684.99
RM_RFG_ASTM D8071_5 mL	RFG	Hydrocarbon Type	ASTM D8071	5 mL AGA (8/pk)	\$694.99
RM_RFG_ASTM D6550_20 mL	RFG	Olefins	ASTM D6550	20 mL AGA (4/pk)	\$498.92
RM_RFG_ASTM D4815_20 mL	RFG	Oxygenates	ASTM D4815	20 mL AGA (4/pk)	\$503.92
RM_RFG_ASTM D5599_20 mL	RFG	Oxygenates	ASTM D5599	20 mL AGA (4/pk)	\$503.92
RM_RFG_ASTM D2622_4 oz	RFG	Sulfur	ASTM D2622	4 oz AGB	\$408.21
RM_RFG_ASTM D5453_4 oz	RFG	Sulfur	ASTM D5453	4 oz AGB	\$408.21
RM_RFG_ASTM D7039_4 oz	RFG	Sulfur	ASTM D7039	4 oz AGB	\$408.21
RM_RFG_ASTM D5188_250 mL	RFG	V/L Ratio	ASTM D5188	250 mL AIB	\$453.57
RM_RFG_ASTM D5191_250 mL	RFG	Vapor Pressure	ASTM D5191	250 mL AIB	\$458.57
RM_RFG_ASTM D6378_250 mL	RFG	Vapor Pressure	ASTM D6378	250 mL AIB	\$453.57
RM_TO_ASTM D974_125 mL	TO	Acid Number / Base Number	ASTM D974	125 mL AIB	\$384.83
RM_TO_ASTM D3427_250 mL	TO	Air Release	ASTM D3427	250 mL AIB	\$422.03



## REFERENCE MATERIALS BY MATRIX



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Product Code	Matrix	Property	Test Method	Container	Price
RM_TO_ASTM D6810_125 mL	TO	Antioxidants	ASTM D6810	125 mL AIB	\$379.83
RM_TO_ASTM D6971_125 mL	TO	Antioxidants	ASTM D6971	125 mL AIB	\$384.83
RM_TO_ASTM D130_4 oz	TO	Corrosion	ASTM D130	4 oz AGB	\$379.83
RM_TO_ASTM D665_16 oz	TO	Corrosion	ASTM D665	16 oz AGB	\$506.44
RM_TO_ASTM D2711_500 mL	TO	Demulsibility	ASTM D2711	500 mL AIB	\$516.44
RM_TO_ASTM D92_250 mL	TO	Flash Point	ASTM D92	250 mL AIB	\$422.03
RM_TO_ASTM D93_250 mL	TO	Flash Point	ASTM D93	250 mL AIB	\$422.03
RM_TO_ASTM D892_250 mL	TO	Foaming Tendency	ASTM D892	250 mL AIB	\$422.03
RM_TO_ASTM D4172_8 oz	TO	Lubricity	ASTM D4172	8 oz AGB	\$422.03
RM_TO_ASTM D97_250 mL	TO	Pour Point	ASTM D97	250 mL AIB	\$432.03
RM_TO_ASTM D5949_125 mL	TO	Pour Point	ASTM D5949	125 mL AIB	\$379.83
RM_TO_ASTM D5950_250 mL	TO	Pour Point	ASTM D5950	250 mL AIB	\$422.03
RM_TO_ASTM D7346_125 mL	TO	Pour Point	ASTM D7346	125 mL AIB	\$389.83
RM_TO_ASTM D2272_250 mL	TO	Stability - Oxidation	ASTM D2272	250 mL AIB	\$422.03
RM_TO_ASTM D445_125 mL	TO	Viscosity	ASTM D445	125 mL AIB	\$379.83
RM_TO_ASTM D6304_125 mL	TO	Water	ASTM D6304	125 mL AIB	\$379.83
RM_TO_ASTM D1401_125 mL	TO	Water Separation	ASTM D1401	125 mL AIB	\$379.83
RM_ULSD_ASTM D2622_4 oz	ULSD	Sulfur	ASTM D2622	4 oz AGB	\$369.66
RM_ULSD_ASTM D5453_4 oz	ULSD	Sulfur	ASTM D5453	4 oz AGB	\$369.66
RM_ULSD_ASTM D7039_4 oz	ULSD	Sulfur	ASTM D7039	4 oz AGB	\$369.66
RM_ULSD_ASTM D7220_4 oz	ULSD	Sulfur	ASTM D7220	4 oz AGB	\$369.66
RM_WX_ASTM D156_125 mL	WX	Color	ASTM D156	125 mL AIB	\$273.35
RM_WX_ASTM D1500_125 mL	WX	Color	ASTM D1500	125 mL AIB	\$273.35
RM_WX_ASTM D6045_250 mL	WX	Color	ASTM D6045	250 mL AIB	\$308.72
RM_WX_ASTM D938_4 oz	WX	Congealing Point	ASTM D938	4 oz ELPC	\$273.35
RM_WX_ASTM D1298_1L	WX	Density (Gravity)	ASTM D1298	1L AIB	\$394.84
RM_WX_ASTM D4052_125 mL	WX	Density (Gravity)	ASTM D4052	125 mL AIB	\$273.35
RM_WX_ASTM D721_4 oz	WX	Extractables	ASTM D721	4 oz ELPC	\$273.35
RM_WX_ASTM D3235_4 oz	WX	Extractables	ASTM D3235	4 oz ELPC	\$273.35
RM_WX_ASTM D92_250 mL	WX	Flash Point	ASTM D92	250 mL AIB	\$303.72
RM_WX_ASTM D87_4 oz	WX	Melting Point	ASTM D87	4 oz ELPC	\$273.35
RM_WX_ASTM D127_4 oz	WX	Melting Point	ASTM D127	4 oz ELPC	\$273.35
RM_WX_ASTM D1833_8 oz	WX	Odor	ASTM D1833	8 oz ELPC	\$303.72
RM_WX_ASTM D1321_4 oz	WX	Penetration	ASTM D1321	4 oz ELPC	\$273.35
RM_WX_ASTM D445_125 mL	WX	Viscosity	ASTM D445	125 mL AIB	\$273.35





## REFERENCE MATERIALS BY TEST METHOD



ASTM INTERNATIONAL LABORATORY SERVICES

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Product Code	Test Method	Property	Matrix	Container	Price
RM_F24_ASTM D56_125 mL	ASTM D56	Flash Point	F24	125 mL AIB	\$445.09
RM_JF_ASTM D56_125 mL	ASTM D56	Flash Point	JF	125 mL AIB	\$330.17
RM_BDF_ASTM D86_250 mL	ASTM D86	Distillation	BDF	250 mL AIB	\$360.11
RM_DF_ASTM D86_250 mL	ASTM D86	Distillation	DF	250 mL AIB	\$348.14
RM_F24_ASTM D86_250 mL	ASTM D86	Distillation	F24	250 mL AIB	\$514.54
RM_JF_ASTM D86_250 mL	ASTM D86	Distillation	JF	250 mL AIB	\$386.85
RM_MG_ASTM D86_250 mL	ASTM D86	Distillation	MG	250 mL AIB	\$380.42
RM_NP_ASTM D86_250 mL	ASTM D86	Distillation	NP	250 mL AIB	\$447.90
RM_RFG_ASTM D86_250 mL	ASTM D86	Distillation	RFG	250 mL AIB	\$473.57
RM_WX_ASTM D87_4 oz	ASTM D87	Melting Point	WX	4 oz ELPC	\$273.35
RM_ALA_ASTM D92_250 mL	ASTM D92	Flash Point	ALA	250 mL AIB	\$344.20
RM_ATF_ASTM D92_250 mL	ASTM D92	Flash Point	ATF	250 mL AIB	\$344.61
RM_BO_ASTM D92_250 mL	ASTM D92	Flash Point	BO	250 mL AIB	\$352.52
RM_GO_ASTM D92_250 mL	ASTM D92	Flash Point	GO	250 mL AIB	\$369.42
RM_HFO_ASTM D92_250 mL	ASTM D92	Flash Point	HFO	250 mL AIB	\$325.14
RM_IFQ_ASTM D92_250 mL	ASTM D92	Flash Point	IFQ	250 mL AIB	\$335.29
RM_IGO_ASTM D92_250 mL	ASTM D92	Flash Point	IGO	250 mL AIB	\$501.60
RM_IHFO_ASTM D92_250 mL	ASTM D92	Flash Point	IHFO	250 mL AIB	\$650.00
RM_ISDO_ASTM D92_250 mL	ASTM D92	Flash Point	ISDO	250 mL AIB	\$661.50
RM_LU_ASTM D92_250 mL	ASTM D92	Flash Point	LU	250 mL AIB	\$322.12
RM_TO_ASTM D92_250 mL	ASTM D92	Flash Point	TO	250 mL AIB	\$422.03
RM_WX_ASTM D92_250 mL	ASTM D92	Flash Point	WX	250 mL AIB	\$303.72
RM_ALA_ASTM D93_250 mL	ASTM D93	Flash Point	ALA	250 mL AIB	\$344.20
RM_ATF_ASTM D93_250 mL	ASTM D93	Flash Point	ATF	250 mL AIB	\$344.61
RM_BDF_ASTM D93_250 mL	ASTM D93	Flash Point	BDF	250 mL AIB	\$340.11
RM_BIOD_ASTM D93_250 mL	ASTM D93	Flash Point	BIOD	250 mL AIB	\$325.14
RM_BO_ASTM D93_250 mL	ASTM D93	Flash Point	BO	250 mL AIB	\$352.52
RM_DF_ASTM D93_250 mL	ASTM D93	Flash Point	DF	250 mL AIB	\$328.14
RM_F24_ASTM D93_250 mL	ASTM D93	Flash Point	F24	250 mL AIB	\$494.54
RM_FO_ASTM D93_250 mL	ASTM D93	Flash Point	FO	250 mL AIB	\$351.82
RM_GGO_ASTM D93_250 mL	ASTM D93	Flash Point	GGO	250 mL AIB	\$300.69
RM_IFQ_ASTM D93_250 mL	ASTM D93	Flash Point	IFQ	250 mL AIB	\$335.29
RM_IGO_ASTM D93_250 mL	ASTM D93	Flash Point	IGO	250 mL AIB	\$501.60
RM_ISDO_ASTM D93_250 mL	ASTM D93	Flash Point	ISDO	250 mL AIB	\$661.50
RM_JF_ASTM D93_250 mL	ASTM D93	Flash Point	JF	250 mL AIB	\$366.85
RM_LU_ASTM D93_250 mL	ASTM D93	Flash Point	LU	250 mL AIB	\$322.12
RM_TO_ASTM D93_250 mL	ASTM D93	Flash Point	TO	250 mL AIB	\$422.03
RM_LU_ASTM D94_125 mL	ASTM D94	Saponification Number	LU	125 mL AIB	\$289.91
RM_FO_ASTM D95_250 mL	ASTM D95	Water	FO	250 mL AIB	\$351.82



## REFERENCE MATERIALS BY TEST METHOD



ASTM INTERNATIONAL LABORATORY SERVICES

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Product Code	Test Method	Property	Matrix	Container	Price
RM_BO_ASTM D97_250 mL	ASTM D97	Pour Point	BO	250 mL AIB	\$362.52
RM_CO_ASTM D97_250 mL	ASTM D97	Pour Point	CO	250 mL AIB	\$388.37
RM_DF_ASTM D97_250 mL	ASTM D97	Pour Point	DF	250 mL AIB	\$338.14
RM_FO_ASTM D97_250 mL	ASTM D97	Pour Point	FO	250 mL AIB	\$361.82
RM_GGO_ASTM D97_250 mL	ASTM D97	Pour Point	GGO	250 mL AIB	\$310.69
RM_GO_ASTM D97_250 mL	ASTM D97	Pour Point	GO	250 mL AIB	\$379.42
RM_HFO_ASTM D97_250 mL	ASTM D97	Pour Point	HFO	250 mL AIB	\$335.14
RM_IFQ_ASTM D97_250 mL	ASTM D97	Pour Point	IFQ	250 mL AIB	\$345.29
RM_IGO_ASTM D97_250 mL	ASTM D97	Pour Point	IGO	250 mL AIB	\$511.60
RM_LU_ASTM D97_250 mL	ASTM D97	Pour Point	LU	250 mL AIB	\$332.12
RM_TO_ASTM D97_250 mL	ASTM D97	Pour Point	TO	250 mL AIB	\$432.03
RM_WX_ASTM D127_4 oz	ASTM D127	Melting Point	WX	4 oz ELPC	\$273.35
RM_LU_ASTM D129_4 oz	ASTM D129	Sulfur	LU	4 oz AGB	\$289.91
RM_ATF_ASTM D130_4 oz	ASTM D130	Corrosion	ATF	4 oz AGB	\$310.15
RM_BDF_ASTM D130_4 oz	ASTM D130	Corrosion	BDF	4 oz AGB	\$306.10
RM_BIOD_ASTM D130_4 oz	ASTM D130	Corrosion	BIOD	4 oz AGB	\$292.63
RM_BO_ASTM D130_4 oz	ASTM D130	Corrosion	BO	4 oz AGB	\$317.27
RM_DF_ASTM D130_4 oz	ASTM D130	Corrosion	DF	4 oz AGB	\$295.32
RM_F24_ASTM D130_4 oz	ASTM D130	Corrosion	F24	4 oz AGB	\$445.09
RM_GO_ASTM D130_4 oz	ASTM D130	Corrosion	GO	4 oz AGB	\$332.48
RM_HFO_ASTM D130_4 oz	ASTM D130	Corrosion	HFO	4 oz AGB	\$292.63
RM_IGO_ASTM D130_4 oz	ASTM D130	Corrosion	IGO	4 oz AGB	\$451.44
RM_JF_ASTM D130_4 oz	ASTM D130	Corrosion	JF	4 oz AGB	\$330.17
RM_MG_ASTM D130_4 oz	ASTM D130	Corrosion	MG	4 oz AGB	\$324.38
RM_NP_ASTM D130_4 oz	ASTM D130	Corrosion	NP	4 oz AGB	\$385.11
RM_TO_ASTM D130_4 oz	ASTM D130	Corrosion	TO	4 oz AGB	\$379.83
RM_F24_ASTM D156_125 mL	ASTM D156	Color	F24	125 mL AIB	\$445.09
RM_JF_ASTM D156_125 mL	ASTM D156	Color	JF	125 mL AIB	\$330.17
RM_WX_ASTM D156_125 mL	ASTM D156	Color	WX	125 mL AIB	\$273.35
RM_BIOD_ASTM D189_125 mL	ASTM D189	Carbon Residue	BIOD	125 mL AIB	\$297.63
RM_BO_ASTM D189_125 mL	ASTM D189	Carbon Residue	BO	125 mL AIB	\$322.27
RM_DF_ASTM D189_125 mL	ASTM D189	Carbon Residue	DF	125 mL AIB	\$300.32
RM_FO_ASTM D189_125 mL	ASTM D189	Carbon Residue	FO	125 mL AIB	\$321.63
RM_GGO_ASTM D189_125 mL	ASTM D189	Carbon Residue	GGO	125 mL AIB	\$275.62
RM_LG_ASTM D217_32 oz	ASTM D217	Penetration	LG	32 oz ELPC	\$497.75
RM_DF_ASTM D240_125 mL	ASTM D240	Heat of Combustion	DF	125 mL AIB	\$300.32
RM_FO_ASTM D240_125 mL	ASTM D240	Heat of Combustion	FO	125 mL AIB	\$321.63
RM_ATF_ASTM D287_1L	ASTM D287	Density (Gravity)	ATF	1L AIB	\$447.99
RM_CO_ASTM D287_1L	ASTM D287	Density (Gravity)	CO	1L AIB	\$756.74



## REFERENCE MATERIALS BY TEST METHOD



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Product Code	Test Method	Property	Matrix	Container	Price
RM_FO_ASTM D287_1L	ASTM D287	Density (Gravity)	FO	1L AIB	\$457.36
RM_GGO_ASTM D287_1L	ASTM D287	Density (Gravity)	GGO	1L AIB	\$390.89
RM_GO_ASTM D287_1L	ASTM D287	Density (Gravity)	GO	1L AIB	\$480.24
RM_RFG_ASTM D287_1L	ASTM D287	Density (Gravity)	RFG	1L AIB	\$907.13
RM_CO_ASTM D323_1L	ASTM D323	Vapor Pressure	CO	1L AIB	\$756.74
RM_ETOH_ASTM D381_125 mL	ASTM D381	Gum Content	ETOH	125 mL AIB	\$391.81
RM_MG_ASTM D381_125 mL	ASTM D381	Gum Content	MG	125 mL AIB	\$334.38
RM_ALA_ASTM D445_125 mL	ASTM D445	Viscosity	ALA	125 mL AIB	\$309.78
RM_ATF_ASTM D445_125 mL	ASTM D445	Viscosity	ATF	125 mL AIB	\$310.15
RM_BDF_ASTM D445_125 mL	ASTM D445	Viscosity	BDF	125 mL AIB	\$306.10
RM_BIOD_ASTM D445_125 mL	ASTM D445	Viscosity	BIOD	125 mL AIB	\$292.63
RM_BO_ASTM D445_125 mL	ASTM D445	Viscosity	BO	125 mL AIB	\$317.27
RM_CO_ASTM D445_125 mL	ASTM D445	Viscosity	CO	125 mL AIB	\$340.53
RM_DF_ASTM D445_125 mL	ASTM D445	Viscosity	DF	125 mL AIB	\$295.32
RM_F24_ASTM D445_125 mL	ASTM D445	Viscosity	F24	125 mL AIB	\$445.09
RM_FO_ASTM D445_125 mL	ASTM D445	Viscosity	FO	125 mL AIB	\$316.63
RM_GGO_ASTM D445_125 mL	ASTM D445	Viscosity	GGO	125 mL AIB	\$270.62
RM_GO_ASTM D445_125 mL	ASTM D445	Viscosity	GO	125 mL AIB	\$332.48
RM_HFO_ASTM D445_125 mL	ASTM D445	Viscosity	HFO	125 mL AIB	\$292.63
RM_IFQ_ASTM D445_125 mL	ASTM D445	Viscosity	IFQ	125 mL AIB	\$301.76
RM_IGO_ASTM D445_125 mL	ASTM D445	Viscosity	IGO	125 mL AIB	\$451.44
RM_IHFO_ASTM D445_125 mL	ASTM D445	Viscosity	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D445_125 mL	ASTM D445	Viscosity	ISDO	125 mL AIB	\$496.13
RM_JF_ASTM D445_125 mL	ASTM D445	Viscosity	JF	125 mL AIB	\$330.17
RM_LU_ASTM D445_125 mL	ASTM D445	Viscosity	LU	125 mL AIB	\$289.91
RM_TO_ASTM D445_125 mL	ASTM D445	Viscosity	TO	125 mL AIB	\$379.83
RM_WX_ASTM D445_125 mL	ASTM D445	Viscosity	WX	125 mL AIB	\$273.35
RM_CO_ASTM D473_125 mL	ASTM D473	Sediment	CO	125 mL AIB	\$340.53
RM_FO_ASTM D473_125 mL	ASTM D473	Sediment	FO	125 mL AIB	\$316.63
RM_ALA_ASTM D482_250 mL	ASTM D482	Ash	ALA	250 mL AIB	\$344.20
RM_BDF_ASTM D482_250 mL	ASTM D482	Ash	BDF	250 mL AIB	\$340.11
RM_BIOD_ASTM D482_250 mL	ASTM D482	Ash	BIOD	250 mL AIB	\$325.14
RM_BO_ASTM D482_250 mL	ASTM D482	Ash	BO	250 mL AIB	\$352.52
RM_DF_ASTM D482_250 mL	ASTM D482	Ash	DF	250 mL AIB	\$328.14
RM_FO_ASTM D482_250 mL	ASTM D482	Ash	FO	250 mL AIB	\$351.82
RM_GGO_ASTM D482_250 mL	ASTM D482	Ash	GGO	250 mL AIB	\$300.69
RM_BDF_ASTM D524_125 mL	ASTM D524	Carbon Residue	BDF	125 mL AIB	\$311.10
RM_BO_ASTM D524_125 mL	ASTM D524	Carbon Residue	BO	125 mL AIB	\$322.27
RM_DF_ASTM D524_125 mL	ASTM D524	Carbon Residue	DF	125 mL AIB	\$300.32



## REFERENCE MATERIALS BY TEST METHOD



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Product Code	Test Method	Property	Matrix	Container	Price
RM_FO_ASTM D524_125 mL	ASTM D524	Carbon Residue	FO	125 mL AIB	\$321.63
RM_MG_ASTM D525_125 mL	ASTM D525	Stability - Oxidation	MG	125 mL AIB	\$324.38
RM_LG_ASTM D566_4 oz	ASTM D566	Dropping Point	LG	4 oz ELPC	\$337.67
RM_BO_ASTM D611_125 mL	ASTM D611	Aniline Point	BO	125 mL AIB	\$317.27
RM_GGO_ASTM D611_125 mL	ASTM D611	Aniline Point	GGO	125 mL AIB	\$270.62
RM_IFQ_ASTM D611_125 mL	ASTM D611	Aniline Point	IFQ	125 mL AIB	\$301.76
RM_DF_ASTM D613_1L	ASTM D613	Cetane Number	DF	1 L AIB	\$482.63
RM_ALA_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	ALA	125 mL AIB	\$309.78
RM_ATF_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	ATF	125 mL AIB	\$310.15
RM_BO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	BO	125 mL AIB	\$317.27
RM_CO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	CO	125 mL AIB	\$340.53
RM_DF_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	DF	125 mL AIB	\$295.32
RM_FO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	FO	125 mL AIB	\$316.63
RM_GGO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	GGO	125 mL AIB	\$270.62
RM_HFO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	HFO	125 mL AIB	\$292.63
RM_IFQ_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	IFQ	125 mL AIB	\$301.76
RM_IHFO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	ISDO	125 mL AIB	\$496.13
RM_LU_ASTM D664_125 mL	ASTM D664	Acid Number / Base Number	LU	125 mL AIB	\$289.91
RM_ATF_ASTM D665_16 oz	ASTM D665	Corrosion	ATF	16 oz AGB	\$413.53
RM_HFO_ASTM D665_16 oz	ASTM D665	Corrosion	HFO	16 oz AGB	\$390.17
RM_IGO_ASTM D665_16 oz	ASTM D665	Corrosion	IGO	16 oz AGB	\$601.92
RM_TO_ASTM D665_16 oz	ASTM D665	Corrosion	TO	16 oz AGB	\$506.44
RM_WX_ASTM D721_4 oz	ASTM D721	Extractables	WX	4 oz ELPC	\$273.35
RM_MX_ASTM D847_250 mL	ASTM D847	Acid Number / Base Number	MX	250 mL AIB	\$330.00
RM_MX_ASTM D848_125 mL	ASTM D848	Color	MX	125 mL AIB	\$247.50
RM_MX_ASTM D849_16 oz	ASTM D849	Corrosion	MX	16 oz AGB	\$660.00
RM_PX_ASTM D850_250 mL	ASTM D850	Distillation	PX	250 mL AIB	\$345.00
RM_ALA_ASTM D874_250 mL	ASTM D874	Ash	ALA	250 mL AIB	\$344.20
RM_BIOD_ASTM D874_250 mL	ASTM D874	Ash	BIOD	250 mL AIB	\$325.14
RM_GO_ASTM D874_250 mL	ASTM D874	Ash	GO	250 mL AIB	\$369.42
RM_LU_ASTM D874_250 mL	ASTM D874	Ash	LU	250 mL AIB	\$322.12
RM_IFQ_ASTM D877_2.5 L	ASTM D877	Dielectric Breakdown	IFQ	2.5 L AIB	\$670.59
RM_ATF_ASTM D892_250 mL	ASTM D892	Foaming Tendency	ATF	250 mL AIB	\$344.61
RM_HFO_ASTM D892_250 mL	ASTM D892	Foaming Tendency	HFO	250 mL AIB	\$325.14
RM_TO_ASTM D892_250 mL	ASTM D892	Foaming Tendency	TO	250 mL AIB	\$422.03
RM_ISDO_ASTM D893_125 mL	ASTM D893	Insolubles - Pentane & Toluene	ISDO	125 mL AIB	\$501.13
RM_IFQ_ASTM D924_2.5 L	ASTM D924	Power Factor	IFQ	2.5 L AIB	\$670.59
RM_WX_ASTM D938_4 oz	ASTM D938	Congeeing Point	WX	4 oz ELPC	\$273.35



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Product Code	Test Method	Property	Matrix	Container	Price
RM_LG_ASTM D942_4 oz	ASTM D942	Stability - Oxidation	LG	4 oz ELPC	\$337.67
RM_IFQ_ASTM D971_125 mL	ASTM D971	Interfacial Tension	IFQ	125 mL AIB	\$301.76
RM_LG_ASTM D972_4 oz	ASTM D972	Evaporation Loss	LG	4 oz ELPC	\$337.67
RM_ATF_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	ATF	125 mL AIB	\$315.15
RM_BIOD_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	BIOD	125 mL AIB	\$297.63
RM_HFO_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	HFO	125 mL AIB	\$297.63
RM_IFQ_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	IFQ	125 mL AIB	\$306.76
RM_IHFO_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	IHFO	125 mL AIB	\$492.50
RM_LU_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	LU	125 mL AIB	\$294.91
RM_TO_ASTM D974_125 mL	ASTM D974	Acid Number / Base Number	TO	125 mL AIB	\$384.83
RM_BIOD_ASTM E203_125 mL	ASTM E203	Water	BIOD	125 mL AIB	\$292.63
RM_EC_ASTM E203_125 mL	ASTM E203	Water	EC	125 mL AIB	\$218.06
RM_ETOH_ASTM E203_125 mL	ASTM E203	Water	ETOH	125 mL AIB	\$381.81
RM_IHFO_ASTM E203_125 mL	ASTM E203	Water	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM E203_125 mL	ASTM E203	Water	ISDO	125 mL AIB	\$496.13
RM_F24_ASTM D1094_125 mL	ASTM D1094	Water Reaction	F24	125 mL AIB	\$450.09
RM_EC_ASTM D1119_125 mL	ASTM D1119	Ash	EC	125 mL AIB	\$218.06
RM_EC_ASTM D1120_125 mL	ASTM D1120	Boiling Point	EC	125 mL AIB	\$218.06
RM_EC_ASTM D1121_125 mL	ASTM D1121	Alkalinity	EC	125 mL AIB	\$218.06
RM_EC_ASTM D1122_1L	ASTM D1122	Density (Gravity)	EC	1 L AIB	\$314.98
RM_DEF_ASTM D1123_125 mL	ASTM D1123	Water	DEF	125 mL AIB	\$250.93
RM_GGO_ASTM D1159_125 mL	ASTM D1159	Bromine Number	GGO	125 mL AIB	\$270.62
RM_NP_ASTM D1159_125 mL	ASTM D1159	Bromine Number	NP	125 mL AIB	\$385.11
RM_BIOD_ASTM D1160_250 mL	ASTM D1160	Distillation	BIOD	250 mL AIB	\$335.14
RM_GGO_ASTM D1160_250 mL	ASTM D1160	Distillation	GGO	250 mL AIB	\$310.69
RM_IFQ_ASTM D1169_2.5 L	ASTM D1169	Resistivity	IFQ	2.5 L AIB	\$670.59
RM_EC_ASTM D1177_250 mL	ASTM D1177	Freeze Point	EC	250 mL AIB	\$242.29
RM_MX_ASTM D1209_250 mL	ASTM D1209	Color	MX	250 mL AIB	\$330.00
RM_BO_ASTM D1218_125 mL	ASTM D1218	Refractive Index	BO	125 mL AIB	\$317.27
RM_LG_ASTM D1264_4 oz	ASTM D1264	Water Washout	LG	4 oz ELPC	\$337.67
RM_IFQ_ASTM D1275_16 oz	ASTM D1275	Corrosion	IFQ	16 oz AGB	\$402.35
RM_EC_ASTM D1287_250 mL	ASTM D1287	pH	EC	250 mL AIB	\$242.29
RM_ATF_ASTM D1298_1L	ASTM D1298	Density (Gravity)	ATF	1 L AIB	\$447.99
RM_BDF_ASTM D1298_1L	ASTM D1298	Density (Gravity)	BDF	1 L AIB	\$442.15
RM_BIOD_ASTM D1298_1L	ASTM D1298	Density (Gravity)	BIOD	1 L AIB	\$422.68
RM_BO_ASTM D1298_1L	ASTM D1298	Density (Gravity)	BO	1 L AIB	\$458.28
RM_CO_ASTM D1298_1L	ASTM D1298	Density (Gravity)	CO	1 L AIB	\$756.74
RM_DF_ASTM D1298_1L	ASTM D1298	Density (Gravity)	DF	1 L AIB	\$426.58
RM_F24_ASTM D1298_1L	ASTM D1298	Density (Gravity)	F24	1 L AIB	\$642.90



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Product Code	Test Method	Property	Matrix	Container	Price
RM_FO_ASTM D1298_1L	ASTM D1298	Density (Gravity)	FO	1 L AIB	\$457.36
RM_IFQ_ASTM D1298_1L	ASTM D1298	Density (Gravity)	IFQ	1 L AIB	\$435.88
RM_JF_ASTM D1298_1L	ASTM D1298	Density (Gravity)	JF	1 L AIB	\$476.91
RM_LU_ASTM D1298_1L	ASTM D1298	Density (Gravity)	LU	1 L AIB	\$418.75
RM_MG_ASTM D1298_1L	ASTM D1298	Density (Gravity)	MG	1 L AIB	\$468.54
RM_NP_ASTM D1298_1L	ASTM D1298	Density (Gravity)	NP	1 L AIB	\$855.80
RM_RFG_ASTM D1298_1L	ASTM D1298	Density (Gravity)	RFG	1 L AIB	\$907.13
RM_WX_ASTM D1298_1L	ASTM D1298	Density (Gravity)	WX	1 L AIB	\$394.84
RM_DF_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	DF	5 mL AGA (8/pk)	\$469.39
RM_F24_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	F24	5 mL AGA (8/pk)	\$702.36
RM_JF_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	JF	5 mL AGA (8/pk)	\$523.59
RM_MG_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	MG	5 mL AGA (8/pk)	\$514.58
RM_NP_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	NP	5 mL AGA (8/pk)	\$609.06
RM_RFG_ASTM D1319_5 mL	ASTM D1319	Hydrocarbon Type	RFG	5 mL AGA (8/pk)	\$644.99
RM_WX_ASTM D1321_4 oz	ASTM D1321	Penetration	WX	4 oz ELPC	\$273.35
RM_F24_ASTM D1322_125 mL	ASTM D1322	Smoke Point	F24	125 mL AIB	\$445.09
RM_JF_ASTM D1322_125 mL	ASTM D1322	Smoke Point	JF	125 mL AIB	\$330.17
RM_EC_ASTM D1384_32 oz	ASTM D1384	Corrosion	EC	32 oz AGB	\$339.98
RM_BO_ASTM D1401_125 mL	ASTM D1401	Water Separation	BO	125 mL AIB	\$317.27
RM_HFO_ASTM D1401_125 mL	ASTM D1401	Water Separation	HFO	125 mL AIB	\$292.63
RM_IGO_ASTM D1401_125 mL	ASTM D1401	Water Separation	IGO	125 mL AIB	\$451.44
RM_TO_ASTM D1401_125 mL	ASTM D1401	Water Separation	TO	125 mL AIB	\$379.83
RM_LG_ASTM D1403_8 oz	ASTM D1403	Penetration	LG	8 oz ELPC	\$390.19
RM_LG_ASTM D1478_16 oz	ASTM D1478	Torque	LG	16 oz ELPC	\$455.23
RM_PX_ASTM D1492_125 mL	ASTM D1492	Bromine Index	PX	125 mL AIB	\$247.50
RM_ATF_ASTM D1500_125 mL	ASTM D1500	Color	ATF	125 mL AIB	\$310.15
RM_BO_ASTM D1500_125 mL	ASTM D1500	Color	BO	125 mL AIB	\$317.27
RM_DF_ASTM D1500_125 mL	ASTM D1500	Color	DF	125 mL AIB	\$295.32
RM_GGO_ASTM D1500_125 mL	ASTM D1500	Color	GGO	125 mL AIB	\$270.62
RM_IFQ_ASTM D1500_125 mL	ASTM D1500	Color	IFQ	125 mL AIB	\$301.76
RM_LU_ASTM D1500_125 mL	ASTM D1500	Color	LU	125 mL AIB	\$289.91
RM_WX_ASTM D1500_125 mL	ASTM D1500	Color	WX	125 mL AIB	\$273.35
RM_IFQ_ASTM D1533_125 mL	ASTM D1533	Water	IFQ	125 mL AIB	\$301.76
RM_ALA_ASTM D1552_4 oz	ASTM D1552	Sulfur	ALA	4 oz AGB	\$309.78
RM_ETOH_ASTM D1613_125 mL	ASTM D1613	Acid Number / Base Number	ETOH	125 mL AIB	\$381.81
RM_LG_ASTM D1742_4 oz	ASTM D1742	Oil Separation	LG	4 oz ELPC	\$337.67
RM_LG_ASTM D1743_16 oz	ASTM D1743	Corrosion	LG	16 oz ELPC	\$450.23
RM_IHFO_ASTM D1744_125 mL	ASTM D1744	Water	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D1744_125 mL	ASTM D1744	Water	ISDO	125 mL AIB	\$496.13



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Product Code	Test Method	Property	Matrix	Container	Price
RM_LU_ASTM D1744_125 mL	ASTM D1744	Water	LU	125 mL AIB	\$289.91
RM_BO_ASTM D1747_125 mL	ASTM D1747	Refractive Index	BO	125 mL AIB	\$317.27
RM_FO_ASTM D1796_250 mL	ASTM D1796	Water and Sediment	FO	250 mL AIB	\$351.82
RM_IFQ_ASTM D1816_32 oz	ASTM D1816	Dielectric Breakdown	IFQ	32 oz AGB	\$440.88
RM_LG_ASTM D1831_8 oz	ASTM D1831	Roll Stability	LG	8 oz ELPC	\$375.19
RM_WX_ASTM D1833_8 oz	ASTM D1833	Odor	WX	8 oz ELPC	\$303.72
RM_F24_ASTM D1840_5 mL	ASTM D1840	Naphthalenes	F24	5 mL AGA (8/pk)	\$692.36
RM_JF_ASTM D1840_5 mL	ASTM D1840	Naphthalenes	JF	5 mL AGA (8/pk)	\$513.59
RM_EC_ASTM D1881_250 mL	ASTM D1881	Foaming Tendency	EC	250 mL AIB	\$247.29
RM_BO_ASTM D2007_125 mL	ASTM D2007	Aromatics	BO	125 mL AIB	\$327.27
RM_HFO_ASTM D2070_250 mL	ASTM D2070	Stability - Thermal	HFO	250 mL AIB	\$325.14
RM_IFQ_ASTM D2112_125 mL	ASTM D2112	Stability - Oxidation	IFQ	125 mL AIB	\$301.76
RM_LG_ASTM D2265_4 oz	ASTM D2265	Dropping Point	LG	4 oz ELPC	\$337.67
RM_LG_ASTM D2266_8 oz	ASTM D2266	Lubricity	LG	8 oz ELPC	\$375.19
RM_HFO_ASTM D2272_250 mL	ASTM D2272	Stability - Oxidation	HFO	250 mL AIB	\$325.14
RM_TO_ASTM D2272_250 mL	ASTM D2272	Stability - Oxidation	TO	250 mL AIB	\$422.03
RM_F24_ASTM D2386_125 mL	ASTM D2386	Freeze Point	F24	125 mL AIB	\$445.09
RM_JF_ASTM D2386_125 mL	ASTM D2386	Freeze Point	JF	125 mL AIB	\$330.17
RM_BDF_ASTM D2500_250 mL	ASTM D2500	Cloud Point	BDF	250 mL AIB	\$340.11
RM_BIOD_ASTM D2500_250 mL	ASTM D2500	Cloud Point	BIOD	250 mL AIB	\$325.14
RM_DF_ASTM D2500_250 mL	ASTM D2500	Cloud Point	DF	250 mL AIB	\$328.14
RM_LG_ASTM D2509_32 oz	ASTM D2509	Lubricity	LG	32 oz ELPC	\$487.75
RM_LG_ASTM D2596_8 oz	ASTM D2596	Lubricity	LG	8 oz ELPC	\$385.19
RM_BO_ASTM D2622_4 oz	ASTM D2622	Sulfur	BO	4 oz AGB	\$317.27
RM_CO_ASTM D2622_4 oz	ASTM D2622	Sulfur	CO	4 oz AGB	\$340.53
RM_DF_ASTM D2622_4 oz	ASTM D2622	Sulfur	DF	4 oz AGB	\$295.32
RM_F24_ASTM D2622_4 oz	ASTM D2622	Sulfur	F24	4 oz AGB	\$445.09
RM_FO_ASTM D2622_4 oz	ASTM D2622	Sulfur	FO	4 oz AGB	\$316.63
RM_GGO_ASTM D2622_4 oz	ASTM D2622	Sulfur	GGO	4 oz AGB	\$270.62
RM_JF_ASTM D2622_4 oz	ASTM D2622	Sulfur	JF	4 oz AGB	\$330.17
RM_LU_ASTM D2622_4 oz	ASTM D2622	Sulfur	LU	4 oz AGB	\$289.91
RM_MG_ASTM D2622_4 oz	ASTM D2622	Sulfur	MG	4 oz AGB	\$324.38
RM_NP_ASTM D2622_4 oz	ASTM D2622	Sulfur	NP	4 oz AGB	\$385.11
RM_RFG_ASTM D2622_4 oz	ASTM D2622	Sulfur	RFG	4 oz AGB	\$408.21
RM_ULSD_ASTM D2622_4 oz	ASTM D2622	Sulfur	ULSD	4 oz AGB	\$369.66
RM_BDF_ASTM D2624_8 oz	ASTM D2624	Conductivity	BDF	8 oz AGB	\$340.11
RM_DF_ASTM D2624_8 oz	ASTM D2624	Conductivity	DF	8 oz AGB	\$328.14
RM_IFQ_ASTM D2668_125 mL	ASTM D2668	Oxidation Inhibitor	IFQ	125 mL AIB	\$306.76
RM_MG_ASTM D2699_1L	ASTM D2699	Octane Number, Research	MG	1 L AIB	\$468.54



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RM_MG_ASTM D2700_1L	ASTM D2700	Octane Number, Motor	MG	1 L AIB	\$468.54
RM_BIOD_ASTM D2709_250 mL	ASTM D2709	Water and Sediment	BIOD	250 mL AIB	\$325.14
RM_IGO_ASTM D2711_500 mL	ASTM D2711	Demulsibility	IGO	500 mL AIB	\$611.92
RM_TO_ASTM D2711_500 mL	ASTM D2711	Demulsibility	TO	500 mL AIB	\$516.44
RM_IGO_ASTM D2783_8 oz	ASTM D2783	Lubricity	IGO	8 oz AGB	\$501.60
RM_BO_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	BO	5 mL AGA (8/pk)	\$553.53
RM_DF_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	DF	5 mL AGA (8/pk)	\$519.39
RM_F24_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	F24	5 mL AGA (8/pk)	\$752.36
RM_GGO_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	GGO	5 mL AGA (8/pk)	\$480.96
RM_JF_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	JF	5 mL AGA (8/pk)	\$573.59
RM_NP_ASTM D2887_5 mL	ASTM D2887	Simulated Distillation	NP	5 mL AGA (8/pk)	\$659.06
RM_ALA_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	ALA	125 mL AIB	\$309.78
RM_ATF_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	ATF	125 mL AIB	\$310.15
RM_HFO_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	HFO	125 mL AIB	\$292.63
RM_IHFO_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	ISDO	125 mL AIB	\$496.13
RM_LU_ASTM D2896_125 mL	ASTM D2896	Acid Number / Base Number	LU	125 mL AIB	\$289.91
RM_IHFO_ASTM D2982_125 mL	ASTM D2982	Antifreeze Contamination	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D2982_125 mL	ASTM D2982	Antifreeze Contamination	ISDO	125 mL AIB	\$496.13
RM_ATF_ASTM D2983_125 mL	ASTM D2983	Viscosity	ATF	125 mL AIB	\$310.15
RM_GO_ASTM D2983_125 mL	ASTM D2983	Viscosity	GO	125 mL AIB	\$332.48
RM_F24_ASTM D3227_250 mL	ASTM D3227	Sulfur	F24	250 mL AIB	\$494.54
RM_JF_ASTM D3227_250 mL	ASTM D3227	Sulfur	JF	250 mL AIB	\$366.85
RM_MG_ASTM D3227_250 mL	ASTM D3227	Sulfur	MG	250 mL AIB	\$360.42
RM_NP_ASTM D3227_250 mL	ASTM D3227	Sulfur	NP	250 mL AIB	\$427.90
RM_CO_ASTM D3230_125 mL	ASTM D3230	Salt	CO	125 mL AIB	\$340.53
RM_MG_ASTM D3231_125 mL	ASTM D3231	Elemental - Phosphorus	MG	125 mL AIB	\$324.38
RM_IGO_ASTM D3233_4 oz	ASTM D3233	Lubricity	IGO	4 oz AGB	\$451.44
RM_WX_ASTM D3235_4 oz	ASTM D3235	Extractables	WX	4 oz ELPC	\$273.35
RM_MG_ASTM D3237_4 oz	ASTM D3237	Elemental - Lead	MG	4 oz AGB	\$324.38
RM_F24_ASTM D3241_32 oz	ASTM D3241	Stability - Thermal	F24	32 oz AGB	\$647.90
RM_JF_ASTM D3241_32 oz	ASTM D3241	Stability - Thermal	JF	32 oz AGB	\$481.91
RM_F24_ASTM D3242_250 mL	ASTM D3242	Acid Number / Base Number	F24	250 mL AIB	\$494.54
RM_JF_ASTM D3242_250 mL	ASTM D3242	Acid Number / Base Number	JF	250 mL AIB	\$366.85
RM_FO_ASTM D3279_125 mL	ASTM D3279	Insolubles - Heptane	FO	125 mL AIB	\$316.63
RM_EC_ASTM D3321_125 mL	ASTM D3321	Freeze Point	EC	125 mL AIB	\$218.06
RM_HFO_ASTM D3427_250 mL	ASTM D3427	Air Release	HFO	250 mL AIB	\$325.14
RM_TO_ASTM D3427_250 mL	ASTM D3427	Air Release	TO	250 mL AIB	\$422.03
RM_ISDO_ASTM D3524_125 mL	ASTM D3524	Fuel Dilution	ISDO	125 mL AIB	\$496.13





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Product Code	Test Method	Property	Matrix	Container	Price
RM_LG_ASTM D3527_4 oz	ASTM D3527	Grease Life	LG	4 oz ELPC	\$337.67
RM_MG_ASTM D3606_125 mL	ASTM D3606	Benzene	MG	125 mL AIB	\$329.38
RM_RFG_ASTM D3606_125 mL	ASTM D3606	Benzene	RFG	125 mL AIB	\$413.21
RM_EC_ASTM D3634_125 mL	ASTM D3634	Chloride	EC	125 mL AIB	\$218.06
RM_JF_ASTM D3701_125 mL	ASTM D3701	Hydrogen	JF	125 mL AIB	\$330.17
RM_DF_ASTM D3828_125 mL	ASTM D3828	Flash Point	DF	125 mL AIB	\$295.32
RM_ISDO_ASTM D3828_125 mL	ASTM D3828	Flash Point	ISDO	125 mL AIB	\$496.13
RM_JF_ASTM D3828_125 mL	ASTM D3828	Flash Point	JF	125 mL AIB	\$330.17
RM_F24_ASTM D3948_8 oz	ASTM D3948	Water Separation	F24	8 oz AGB	\$494.54
RM_JF_ASTM D3948_8 oz	ASTM D3948	Water Separation	JF	8 oz AGB	\$366.85
RM_CO_ASTM D4006_250 mL	ASTM D4006	Water	CO	250 mL AIB	\$378.37
RM_CO_ASTM D4007_250 mL	ASTM D4007	Water and Sediment	CO	250 mL AIB	\$378.37
RM_LG_ASTM D4048_8 oz	ASTM D4048	Corrosion	LG	8 oz ELPC	\$375.19
RM_LG_ASTM D4049_4 oz	ASTM D4049	Water Spray Resistance	LG	4 oz ELPC	\$337.67
RM_ALA_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	ALA	125 mL AIB	\$309.78
RM_ATF_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	ATF	125 mL AIB	\$310.15
RM_BDF_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	BDF	125 mL AIB	\$306.10
RM_BIOD_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	BIOD	125 mL AIB	\$292.63
RM_BO_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	BO	125 mL AIB	\$317.27
RM_DF_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	DF	125 mL AIB	\$295.32
RM_ETOH_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	ETOH	125 mL AIB	\$381.81
RM_F24_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	F24	125 mL AIB	\$445.09
RM_GGO_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	GGO	125 mL AIB	\$270.62
RM_HFO_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	HFO	125 mL AIB	\$292.63
RM_IFQ_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	IFQ	125 mL AIB	\$301.76
RM_JF_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	JF	125 mL AIB	\$330.17
RM_LU_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	LU	125 mL AIB	\$289.91
RM_MG_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	MG	125 mL AIB	\$324.38
RM_MX_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	MX	125 mL AIB	\$247.50
RM_NP_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	NP	125 mL AIB	\$385.11
RM_RFG_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	RFG	125 mL AIB	\$408.21
RM_WX_ASTM D4052_125 mL	ASTM D4052	Density (Gravity)	WX	125 mL AIB	\$273.35
RM_ISDO_ASTM D4055_125 mL	ASTM D4055	Insolubles - Pentane & Toluene	ISDO	125 mL AIB	\$496.13
RM_LG_ASTM D4170_4 oz	ASTM D4170	Lubricity	LG	4 oz ELPC	\$337.67
RM_IGO_ASTM D4172_8 oz	ASTM D4172	Lubricity	IGO	8 oz AGB	\$501.60
RM_TO_ASTM D4172_8 oz	ASTM D4172	Lubricity	TO	8 oz AGB	\$422.03
RM_F24_ASTM D4176_1L	ASTM D4176	Free Water and Particulate	F24	1L AIB	\$642.90
RM_LG_ASTM D4290_4 oz	ASTM D4290	Grease Leakage	LG	4 oz ELPC	\$337.67
RM_ISDO_ASTM D4291_125 mL	ASTM D4291	Ethylene Glycol	ISDO	125 mL AIB	\$496.13



## REFERENCE MATERIALS BY TEST METHOD



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Product Code	Test Method	Property	Matrix	Container	Price
RM_BO_ASTM D4294_4 oz	ASTM D4294	Sulfur	BO	4 oz AGB	\$317.27
RM_CO_ASTM D4294_4 oz	ASTM D4294	Sulfur	CO	4 oz AGB	\$340.53
RM_DF_ASTM D4294_4 oz	ASTM D4294	Sulfur	DF	4 oz AGB	\$295.32
RM_F24_ASTM D4294_4 oz	ASTM D4294	Sulfur	F24	4 oz AGB	\$445.09
RM_FO_ASTM D4294_4 oz	ASTM D4294	Sulfur	FO	4 oz AGB	\$316.63
RM_GGO_ASTM D4294_4 oz	ASTM D4294	Sulfur	GGO	4 oz AGB	\$270.62
RM_JF_ASTM D4294_4 oz	ASTM D4294	Sulfur	JF	4 oz AGB	\$330.17
RM_NP_ASTM D4294_4 oz	ASTM D4294	Sulfur	NP	4 oz AGB	\$385.11
RM_EC_ASTM D4340_16 oz	ASTM D4340	Corrosion	EC	16 oz AGB	\$290.75
RM_CO_ASTM D4377_125 mL	ASTM D4377	Water	CO	125 mL AIB	\$340.53
RM_BZ_ASTM D4492_125 mL	ASTM D4492	Purity	BZ	125 mL AIB	\$292.50
RM_CO_ASTM D4530_125 mL	ASTM D4530	Carbon Residue	CO	125 mL AIB	\$345.53
RM_DF_ASTM D4530_125 mL	ASTM D4530	Carbon Residue	DF	125 mL AIB	\$300.32
RM_FO_ASTM D4530_125 mL	ASTM D4530	Carbon Residue	FO	125 mL AIB	\$321.63
RM_GGO_ASTM D4530_125 mL	ASTM D4530	Carbon Residue	GGO	125 mL AIB	\$275.62
RM_CO_ASTM D4629_125 mL	ASTM D4629	Nitrogen	CO	125 mL AIB	\$340.53
RM_DF_ASTM D4629_125 mL	ASTM D4629	Nitrogen	DF	125 mL AIB	\$295.32
RM_FO_ASTM D4629_125 mL	ASTM D4629	Nitrogen	FO	125 mL AIB	\$316.63
RM_GGO_ASTM D4629_125 mL	ASTM D4629	Nitrogen	GGO	125 mL AIB	\$270.62
RM_LU_ASTM D4629_125 mL	ASTM D4629	Nitrogen	LU	125 mL AIB	\$289.91
RM_NP_ASTM D4629_125 mL	ASTM D4629	Nitrogen	NP	125 mL AIB	\$385.11
RM_PX_ASTM D4629_125 mL	ASTM D4629	Nitrogen	PX	125 mL AIB	\$247.50
RM_LU_ASTM D4684_125 mL	ASTM D4684	Viscosity	LU	125 mL AIB	\$289.91
RM_ALA_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	ALA	125 mL AIB	\$309.78
RM_ATF_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	ATF	125 mL AIB	\$310.15
RM_HFO_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	HFO	125 mL AIB	\$292.63
RM_IHFO_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	ISDO	125 mL AIB	\$496.13
RM_LU_ASTM D4739_125 mL	ASTM D4739	Acid Number / Base Number	LU	125 mL AIB	\$289.91
RM_FO_ASTM D4740_250 mL	ASTM D4740	Cleanliness / Compatability	FO	250 mL AIB	\$351.82
RM_CO_ASTM D4807_125 mL	ASTM D4807	Sediment	CO	125 mL AIB	\$340.53
RM_F24_ASTM D4809_125 mL	ASTM D4809	Heat of Combustion	F24	125 mL AIB	\$450.09
RM_JF_ASTM D4809_125 mL	ASTM D4809	Heat of Combustion	JF	125 mL AIB	\$335.17
RM_RFG_ASTM D4815_20 mL	ASTM D4815	Oxygenates	RFG	20 mL AGA (4/pk)	\$503.92
RM_FO_ASTM D4870_125 mL	ASTM D4870	Sediment	FO	125 mL AIB	\$316.63
RM_EC_ASTM D4921_125 mL	ASTM D4921	Foaming Tendency	EC	125 mL AIB	\$218.06
RM_CO_ASTM D4928_125 mL	ASTM D4928	Water	CO	125 mL AIB	\$340.53
RM_CO_ASTM D4929_1L	ASTM D4929	Chloride	CO	1L AIB	\$756.74
RM_ALA_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	ALA	4 oz AGB	\$349.78



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Product Code	Test Method	Property	Matrix	Container	Price
RM_ATF_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	ATF	4 oz AGB	\$350.15
RM_BIOD_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	BIOD	4 oz AGB	\$332.63
RM_GO_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	GO	4 oz AGB	\$372.48
RM_HFO_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	HFO	4 oz AGB	\$332.63
RM_LU_ASTM D4951_4 oz	ASTM D4951	Elemental Analysis	LU	4 oz AGB	\$329.91
RM_F24_ASTM D4952_4 oz	ASTM D4952	Sulfur	F24	4 oz AGB	\$445.09
RM_JF_ASTM D5001_4 oz	ASTM D5001	Lubricity	JF	4 oz AGB	\$330.17
RM_CO_ASTM D5002_125 mL	ASTM D5002	Density (Gravity)	CO	125 mL AIB	\$340.53
RM_F24_ASTM D5006_250 mL	ASTM D5006	Fuel System Icing Inhibitor	F24	250 mL AIB	\$494.54
RM_JF_ASTM D5006_250 mL	ASTM D5006	Fuel System Icing Inhibitor	JF	250 mL AIB	\$366.85
RM_NP_ASTM D5134_5 mL	ASTM D5134	Hydrocarbon Type	NP	5 mL AGA (8/pk)	\$714.06
RM_FO_ASTM D5184_4 oz	ASTM D5184	Elemental Analysis	FO	4 oz AGB	\$321.63
RM_GO_ASTM D5184_4 oz	ASTM D5184	Elemental Analysis	GO	4 oz AGB	\$337.48
RM_ATF_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	ATF	4 oz AGB	\$355.15
RM_BIOD_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	BIOD	4 oz AGB	\$337.63
RM_FO_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	FO	4 oz AGB	\$361.63
RM_HFO_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	HFO	4 oz AGB	\$337.63
RM_IHFO_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	IHFO	4 oz AGB	\$532.50
RM_ISDO_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	ISDO	4 oz AGB	\$541.13
RM_LU_ASTM D5185_4 oz	ASTM D5185	Elemental Analysis	LU	4 oz AGB	\$334.91
RM_DF_ASTM D5186_5 mL	ASTM D5186	Aromatics	DF	5 mL AGA (8/pk)	\$469.39
RM_MG_ASTM D5188_250 mL	ASTM D5188	V/L Ratio	MG	250 mL AIB	\$360.42
RM_RFG_ASTM D5188_250 mL	ASTM D5188	V/L Ratio	RFG	250 mL AIB	\$453.57
RM_CO_ASTM D5191_250 mL	ASTM D5191	Vapor Pressure	CO	250 mL AIB	\$383.37
RM_MG_ASTM D5191_250 mL	ASTM D5191	Vapor Pressure	MG	250 mL AIB	\$365.42
RM_NP_ASTM D5191_250 mL	ASTM D5191	Vapor Pressure	NP	250 mL AIB	\$432.90
RM_RFG_ASTM D5191_250 mL	ASTM D5191	Vapor Pressure	RFG	250 mL AIB	\$458.57
RM_ALA_ASTM D5291_125 mL	ASTM D5291	Elemental Analysis	ALA	125 mL AIB	\$319.78
RM_DF_ASTM D5291_125 mL	ASTM D5291	Elemental Analysis	DF	125 mL AIB	\$305.32
RM_FO_ASTM D5291_125 mL	ASTM D5291	Elemental Analysis	FO	125 mL AIB	\$326.63
RM_LU_ASTM D5291_125 mL	ASTM D5291	Elemental Analysis	LU	125 mL AIB	\$299.91
RM_BO_ASTM D5293_250 mL	ASTM D5293	Viscosity	BO	250 mL AIB	\$352.52
RM_LU_ASTM D5293_250 mL	ASTM D5293	Viscosity	LU	250 mL AIB	\$322.12
RM_MX_ASTM D5386_250 mL	ASTM D5386	Color	MX	250 mL AIB	\$330.00
RM_MG_ASTM D5443_5 mL	ASTM D5443	Hydrocarbon Type	MG	5 mL AGA (8/pk)	\$564.58
RM_NP_ASTM D5443_5 mL	ASTM D5443	Hydrocarbon Type	NP	5 mL AGA (8/pk)	\$659.06
RM_F24_ASTM D5452_1 G	ASTM D5452	Particulate	F24	1 G ELSC	\$989.08
RM_BDF_ASTM D5453_4 oz	ASTM D5453	Sulfur	BDF	4 oz AGB	\$306.10
RM_BIOD_ASTM D5453_4 oz	ASTM D5453	Sulfur	BIOD	4 oz AGB	\$292.63



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Product Code	Test Method	Property	Matrix	Container	Price
RM_BO_ASTM D5453_4 oz	ASTM D5453	Sulfur	BO	4 oz AGB	\$317.27
RM_DF_ASTM D5453_4 oz	ASTM D5453	Sulfur	DF	4 oz AGB	\$295.32
RM_ETOH_ASTM D5453_4 oz	ASTM D5453	Sulfur	ETOH	4 oz AGB	\$381.81
RM_F24_ASTM D5453_4 oz	ASTM D5453	Sulfur	F24	4 oz AGB	\$445.09
RM_JF_ASTM D5453_4 oz	ASTM D5453	Sulfur	JF	4 oz AGB	\$330.17
RM_LU_ASTM D5453_4 oz	ASTM D5453	Sulfur	LU	4 oz AGB	\$289.91
RM_MG_ASTM D5453_4 oz	ASTM D5453	Sulfur	MG	4 oz AGB	\$324.38
RM_NP_ASTM D5453_4 oz	ASTM D5453	Sulfur	NP	4 oz AGB	\$385.11
RM_RFG_ASTM D5453_4 oz	ASTM D5453	Sulfur	RFG	4 oz AGB	\$408.21
RM_ULSD_ASTM D5453_4 oz	ASTM D5453	Sulfur	ULSD	4 oz AGB	\$369.66
RM_LU_ASTM D5481_125 mL	ASTM D5481	Viscosity	LU	125 mL AIB	\$289.91
RM_ETOH_ASTM D5501_5 mL	ASTM D5501	Oxygenates	ETOH	5 mL AGA (8/pk)	\$598.93
RM_MG_ASTM D5580_20 mL	ASTM D5580	Aromatics	MG	20 mL AGA (4/pk)	\$406.46
RM_RFG_ASTM D5580_20 mL	ASTM D5580	Aromatics	RFG	20 mL AGA (4/pk)	\$508.92
RM_RFG_ASTM D5599_20 mL	ASTM D5599	Oxygenates	RFG	20 mL AGA (4/pk)	\$503.92
RM_CO_ASTM D5708_4 oz	ASTM D5708	Elemental Analysis	CO	4 oz AGB	\$350.53
RM_FO_ASTM D5708_4 oz	ASTM D5708	Elemental Analysis	FO	4 oz AGB	\$326.63
RM_GGO_ASTM D5708_4 oz	ASTM D5708	Elemental Analysis	GGO	4 oz AGB	\$280.62
RM_BZ_ASTM D5713_20 mL	ASTM D5713	Purity	BZ	20 mL AGA (4/pk)	\$420.00
RM_BO_ASTM D5762_125 mL	ASTM D5762	Nitrogen	BO	125 mL AIB	\$317.27
RM_CO_ASTM D5762_125 mL	ASTM D5762	Nitrogen	CO	125 mL AIB	\$340.53
RM_DF_ASTM D5762_125 mL	ASTM D5762	Nitrogen	DF	125 mL AIB	\$295.32
RM_FO_ASTM D5762_125 mL	ASTM D5762	Nitrogen	FO	125 mL AIB	\$316.63
RM_GGO_ASTM D5762_125 mL	ASTM D5762	Nitrogen	GGO	125 mL AIB	\$270.62
RM_LU_ASTM D5762_125 mL	ASTM D5762	Nitrogen	LU	125 mL AIB	\$289.91
RM_MG_ASTM D5769_20 mL	ASTM D5769	Aromatics	MG	20 mL AGA (4/pk)	\$406.46
RM_RFG_ASTM D5769_20 mL	ASTM D5769	Aromatics	RFG	20 mL AGA (4/pk)	\$508.92
RM_BDF_ASTM D5771_250 mL	ASTM D5771	Cloud Point	BDF	250 mL AIB	\$345.11
RM_BIOD_ASTM D5771_250 mL	ASTM D5771	Cloud Point	BIOD	250 mL AIB	\$330.14
RM_DF_ASTM D5771_250 mL	ASTM D5771	Cloud Point	DF	250 mL AIB	\$333.14
RM_BDF_ASTM D5773_125 mL	ASTM D5773	Cloud Point	BDF	125 mL AIB	\$311.10
RM_BIOD_ASTM D5773_125 mL	ASTM D5773	Cloud Point	BIOD	125 mL AIB	\$297.63
RM_DF_ASTM D5773_125 mL	ASTM D5773	Cloud Point	DF	125 mL AIB	\$300.32
RM_PX_ASTM D5776_125 mL	ASTM D5776	Bromine Index	PX	125 mL AIB	\$247.50
RM_BO_ASTM D5800_250 mL	ASTM D5800	Evaporation Loss	BO	250 mL AIB	\$352.52
RM_IGO_ASTM D5800_250 mL	ASTM D5800	Evaporation Loss	IGO	250 mL AIB	\$501.60
RM_LU_ASTM D5800_250 mL	ASTM D5800	Evaporation Loss	LU	250 mL AIB	\$322.12
RM_MX_ASTM D5808_125 mL	ASTM D5808	Chloride	MX	125 mL AIB	\$247.50
RM_EC_ASTM D5827_250 mL	ASTM D5827	Elemental - Ions	EC	250 mL AIB	\$262.29



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Product Code	Test Method	Property	Matrix	Container	Price
RM_CO_ASTM D5853_125 mL	ASTM D5853	Pour Point	CO	125 mL AIB	\$340.53
RM_FO_ASTM D5853_125 mL	ASTM D5853	Pour Point	FO	125 mL AIB	\$316.63
RM_CO_ASTM D5863_4 oz	ASTM D5863	Elemental Analysis	CO	4 oz AGB	\$350.53
RM_FO_ASTM D5863_4 oz	ASTM D5863	Elemental Analysis	FO	4 oz AGB	\$326.63
RM_GGO_ASTM D5863_4 oz	ASTM D5863	Elemental Analysis	GGO	4 oz AGB	\$280.62
RM_PX_ASTM D5917_5 mL	ASTM D5917	Trace Impurities	PX	5 mL AGA (8/pk)	\$512.00
RM_EC_ASTM D5931_125 mL	ASTM D5931	Density (Gravity)	EC	125 mL AIB	\$218.06
RM_BO_ASTM D5949_125 mL	ASTM D5949	Pour Point	BO	125 mL AIB	\$317.27
RM_DF_ASTM D5949_125 mL	ASTM D5949	Pour Point	DF	125 mL AIB	\$295.32
RM_GO_ASTM D5949_125 mL	ASTM D5949	Pour Point	GO	125 mL AIB	\$332.48
RM_HFO_ASTM D5949_125 mL	ASTM D5949	Pour Point	HFO	125 mL AIB	\$292.63
RM_LU_ASTM D5949_125 mL	ASTM D5949	Pour Point	LU	125 mL AIB	\$289.91
RM_TO_ASTM D5949_125 mL	ASTM D5949	Pour Point	TO	125 mL AIB	\$379.83
RM_BDF_ASTM D5950_250 mL	ASTM D5950	Pour Point	BDF	250 mL AIB	\$340.11
RM_BO_ASTM D5950_250 mL	ASTM D5950	Pour Point	BO	250 mL AIB	\$352.52
RM_DF_ASTM D5950_250 mL	ASTM D5950	Pour Point	DF	250 mL AIB	\$328.14
RM_FO_ASTM D5950_250 mL	ASTM D5950	Pour Point	FO	250 mL AIB	\$351.82
RM_GGO_ASTM D5950_250 mL	ASTM D5950	Pour Point	GGO	250 mL AIB	\$300.69
RM_GO_ASTM D5950_250 mL	ASTM D5950	Pour Point	GO	250 mL AIB	\$369.42
RM_HFO_ASTM D5950_250 mL	ASTM D5950	Pour Point	HFO	250 mL AIB	\$325.14
RM_IFQ_ASTM D5950_250 mL	ASTM D5950	Pour Point	IFQ	250 mL AIB	\$335.29
RM_LU_ASTM D5950_250 mL	ASTM D5950	Pour Point	LU	250 mL AIB	\$322.12
RM_TO_ASTM D5950_250 mL	ASTM D5950	Pour Point	TO	250 mL AIB	\$422.03
RM_F24_ASTM D5972_125 mL	ASTM D5972	Freeze Point	F24	125 mL AIB	\$445.09
RM_JF_ASTM D5972_125 mL	ASTM D5972	Freeze Point	JF	125 mL AIB	\$330.17
RM_BO_ASTM D6045_250 mL	ASTM D6045	Color	BO	250 mL AIB	\$357.52
RM_DF_ASTM D6045_250 mL	ASTM D6045	Color	DF	250 mL AIB	\$333.14
RM_F24_ASTM D6045_250 mL	ASTM D6045	Color	F24	250 mL AIB	\$499.54
RM_GGO_ASTM D6045_250 mL	ASTM D6045	Color	GGO	250 mL AIB	\$305.69
RM_JF_ASTM D6045_250 mL	ASTM D6045	Color	JF	250 mL AIB	\$371.85
RM_LU_ASTM D6045_250 mL	ASTM D6045	Color	LU	250 mL AIB	\$327.12
RM_NP_ASTM D6045_250 mL	ASTM D6045	Color	NP	250 mL AIB	\$432.90
RM_WX_ASTM D6045_250 mL	ASTM D6045	Color	WX	250 mL AIB	\$308.72
RM_BDF_ASTM D6079_4 oz	ASTM D6079	Lubricity	BDF	4 oz AGB	\$306.10
RM_BIOD_ASTM D6079_4 oz	ASTM D6079	Lubricity	BIOD	4 oz AGB	\$292.63
RM_DF_ASTM D6079_4 oz	ASTM D6079	Lubricity	DF	4 oz AGB	\$295.32
RM_ATF_ASTM D6082_1L	ASTM D6082	Foaming Tendency	ATF	1L AIB	\$447.99
RM_EC_ASTM D6130_4 oz	ASTM D6130	Elemental Analysis	EC	4 oz AGB	\$278.06
RM_LG_ASTM D6138_4 oz	ASTM D6138	Corrosion	LG	4 oz ELPC	\$337.67



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Product Code	Test Method	Property	Matrix	Container	Price
RM_LG_ASTM D6184_4 oz	ASTM D6184	Oil Separation	LG	4 oz ELPC	\$337.67
RM_DF_ASTM D6217_2.5 L	ASTM D6217	Particulate	DF	2.5 L AIB	\$656.27
RM_LU_ASTM D6278_1L	ASTM D6278	Stability - Sheer	LU	1L AIB	\$423.75
RM_ALA_ASTM D6304_125 mL	ASTM D6304	Water	ALA	125 mL AIB	\$309.78
RM_BDF_ASTM D6304_125 mL	ASTM D6304	Water	BDF	125 mL AIB	\$306.10
RM_BIOD_ASTM D6304_125 mL	ASTM D6304	Water	BIOD	125 mL AIB	\$292.63
RM_BO_ASTM D6304_125 mL	ASTM D6304	Water	BO	125 mL AIB	\$317.27
RM_BZ_ASTM D6304_125 mL	ASTM D6304	Water	BZ	125 mL AIB	\$247.50
RM_DF_ASTM D6304_125 mL	ASTM D6304	Water	DF	125 mL AIB	\$295.32
RM_FO_ASTM D6304_125 mL	ASTM D6304	Water	FO	125 mL AIB	\$316.63
RM_IFQ_ASTM D6304_125 mL	ASTM D6304	Water	IFQ	125 mL AIB	\$301.76
RM_IHFO_ASTM D6304_125 mL	ASTM D6304	Water	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D6304_125 mL	ASTM D6304	Water	ISDO	125 mL AIB	\$496.13
RM_LU_ASTM D6304_125 mL	ASTM D6304	Water	LU	125 mL AIB	\$289.91
RM_TO_ASTM D6304_125 mL	ASTM D6304	Water	TO	125 mL AIB	\$379.83
RM_GGO_ASTM D6352_5 mL	ASTM D6352	Simulated Distillation	GGO	5 mL AGA (8/pk)	\$480.96
RM_BDF_ASTM D6371_125 mL	ASTM D6371	Cold Filter Plugging Point	BDF	125 mL AIB	\$306.10
RM_BIOD_ASTM D6371_125 mL	ASTM D6371	Cold Filter Plugging Point	BIOD	125 mL AIB	\$292.63
RM_DF_ASTM D6371_125 mL	ASTM D6371	Cold Filter Plugging Point	DF	125 mL AIB	\$295.32
RM_LU_ASTM D6375_125 mL	ASTM D6375	Evaporation Loss	LU	125 mL AIB	\$289.91
RM_CO_ASTM D6377_250 mL	ASTM D6377	Vapor Pressure	CO	250 mL AIB	\$378.37
RM_MG_ASTM D6378_250 mL	ASTM D6378	Vapor Pressure	MG	250 mL AIB	\$360.42
RM_RFG_ASTM D6378_250 mL	ASTM D6378	Vapor Pressure	RFG	250 mL AIB	\$453.57
RM_JF_ASTM D6379_20 mL	ASTM D6379	Aromatics	JF	20 mL AGA (4/pk)	\$413.54
RM_BO_ASTM D6417_5 mL	ASTM D6417	Volatility	BO	5 mL AGA (8/pk)	\$493.53
RM_LU_ASTM D6417_5 mL	ASTM D6417	Volatility	LU	5 mL AGA (8/pk)	\$450.96
RM_ETOH_ASTM D6423_125 mL	ASTM D6423	pH	ETOH	125 mL AIB	\$381.81
RM_LU_ASTM D6443_4 oz	ASTM D6443	Elemental Analysis	LU	4 oz AGB	\$309.91
RM_DF_ASTM D6450_125 mL	ASTM D6450	Flash Point	DF	125 mL AIB	\$295.32
RM_BIOD_ASTM D6468_250 mL	ASTM D6468	Stability - Thermal	BIOD	250 mL AIB	\$330.14
RM_DF_ASTM D6468_250 mL	ASTM D6468	Stability - Thermal	DF	250 mL AIB	\$333.14
RM_GO_ASTM D6481_4 oz	ASTM D6481	Elemental Analysis	GO	4 oz AGB	\$347.48
RM_LU_ASTM D6481_4 oz	ASTM D6481	Elemental Analysis	LU	4 oz AGB	\$304.91
RM_MG_ASTM D6550_20 mL	ASTM D6550	Olefins	MG	20 mL AGA (4/pk)	\$396.46
RM_RFG_ASTM D6550_20 mL	ASTM D6550	Olefins	RFG	20 mL AGA (4/pk)	\$498.92
RM_CO_ASTM D6560_125 mL	ASTM D6560	Insolubles - Heptane	CO	125 mL AIB	\$340.53
RM_FO_ASTM D6560_125 mL	ASTM D6560	Insolubles - Heptane	FO	125 mL AIB	\$316.63
RM_BIOD_ASTM D6584_5 mL	ASTM D6584	Glycerin & Glycerides	BIOD	5 mL AGA (8/pk)	\$475.20
RM_DF_ASTM D6591_10 mL	ASTM D6591	Aromatics	DF	10 mL AGA (8/pk)	\$479.39



# REFERENCE MATERIALS BY TEST METHOD



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Product Code	Test Method	Property	Matrix	Container	Price
RM_IHFO_ASTM D6595_4 oz	ASTM D6595	Elemental Analysis	IHFO	4 oz AGB	\$592.50
RM_ISDO_ASTM D6595_4 oz	ASTM D6595	Elemental Analysis	ISDO	4 oz AGB	\$601.13
RM_MG_ASTM D6730_5 mL	ASTM D6730	Hydrocarbon Type	MG	5 mL AGA (8/pk)	\$584.58
RM_NP_ASTM D6730_5 mL	ASTM D6730	Hydrocarbon Type	NP	5 mL AGA (8/pk)	\$679.06
RM_BO_ASTM D6749_125 mL	ASTM D6749	Pour Point	BO	125 mL AIB	\$317.27
RM_LU_ASTM D6749_125 mL	ASTM D6749	Pour Point	LU	125 mL AIB	\$289.91
RM_IFQ_ASTM D6786_250 mL	ASTM D6786	Particulate	IFQ	250 mL AIB	\$335.29
RM_TO_ASTM D6810_125 mL	ASTM D6810	Antioxidants	TO	125 mL AIB	\$379.83
RM_MG_ASTM D6839_5 mL	ASTM D6839	Hydrocarbon Type	MG	5 mL AGA (8/pk)	\$554.58
RM_RFG_ASTM D6839_5 mL	ASTM D6839	Hydrocarbon Type	RFG	5 mL AGA (8/pk)	\$684.99
RM_DF_ASTM D6890_250 mL	ASTM D6890	Cetane Number, Derived	DF	250 mL AIB	\$328.14
RM_TO_ASTM D6971_125 mL	ASTM D6971	Antioxidants	TO	125 mL AIB	\$384.83
RM_BZ_ASTM D7011_5 mL	ASTM D7011	Sulfur	BZ	5 mL AGA (8/pk)	\$462.00
RM_BIOD_ASTM D7039_4 oz	ASTM D7039	Sulfur	BIOD	4 oz AGB	\$292.63
RM_DF_ASTM D7039_4 oz	ASTM D7039	Sulfur	DF	4 oz AGB	\$295.32
RM_ETOH_ASTM D7039_4 oz	ASTM D7039	Sulfur	ETOH	4 oz AGB	\$381.81
RM_F24_ASTM D7039_4 oz	ASTM D7039	Sulfur	F24	4 oz AGB	\$445.09
RM_JF_ASTM D7039_4 oz	ASTM D7039	Sulfur	JF	4 oz AGB	\$330.17
RM_MG_ASTM D7039_4 oz	ASTM D7039	Sulfur	MG	4 oz AGB	\$324.38
RM_NP_ASTM D7039_4 oz	ASTM D7039	Sulfur	NP	4 oz AGB	\$385.11
RM_RFG_ASTM D7039_4 oz	ASTM D7039	Sulfur	RFG	4 oz AGB	\$408.21
RM_ULSD_ASTM D7039_4 oz	ASTM D7039	Sulfur	ULSD	4 oz AGB	\$369.66
RM_BIOD_ASTM D7042_125 mL	ASTM D7042	Viscosity	BIOD	125 mL AIB	\$292.63
RM_BO_ASTM D7042_125 mL	ASTM D7042	Viscosity	BO	125 mL AIB	\$317.27
RM_CO_ASTM D7042_125 mL	ASTM D7042	Viscosity	CO	125 mL AIB	\$340.53
RM_DF_ASTM D7042_125 mL	ASTM D7042	Viscosity	DF	125 mL AIB	\$295.32
RM_F24_ASTM D7042_125 mL	ASTM D7042	Viscosity	F24	125 mL AIB	\$445.09
RM_FO_ASTM D7042_125 mL	ASTM D7042	Viscosity	FO	125 mL AIB	\$316.63
RM_IFQ_ASTM D7042_125 mL	ASTM D7042	Viscosity	IFQ	125 mL AIB	\$301.76
RM_IGO_ASTM D7042_125 mL	ASTM D7042	Viscosity	IGO	125 mL AIB	\$451.44
RM_IHFO_ASTM D7042_125 mL	ASTM D7042	Viscosity	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D7042_125 mL	ASTM D7042	Viscosity	ISDO	125 mL AIB	\$496.13
RM_JF_ASTM D7042_125 mL	ASTM D7042	Viscosity	JF	125 mL AIB	\$330.17
RM_LU_ASTM D7042_125 mL	ASTM D7042	Viscosity	LU	125 mL AIB	\$289.91
RM_DF_ASTM D7094_125 mL	ASTM D7094	Flash Point	DF	125 mL AIB	\$295.32
RM_MG_ASTM D7096_5 mL	ASTM D7096	Simulated Distillation	MG	5 mL AGA (8/pk)	\$564.58
RM_F24_ASTM D7153_125 mL	ASTM D7153	Freeze Point	F24	125 mL AIB	\$445.09
RM_JF_ASTM D7153_125 mL	ASTM D7153	Freeze Point	JF	125 mL AIB	\$330.17
RM_CO_ASTM D7169_125 mL	ASTM D7169	Simulated Distillation	CO	125 mL AIB	\$440.53



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Product Code	Test Method	Property	Matrix	Container	Price
RM_GGO_ASTM D7169_125 mL	ASTM D7169	Simulated Distillation	GGO	125 mL AIB	\$370.62
RM_PX_ASTM D7183_4 oz	ASTM D7183	Sulfur	PX	4 oz AGB	\$247.50
RM_PX_ASTM D7184_125 mL	ASTM D7184	Nitrogen	PX	125 mL AIB	\$247.50
RM_ISDO_ASTM D7214_125 mL	ASTM D7214	FTIR - Oxidation	ISDO	125 mL AIB	\$496.13
RM_DF_ASTM D7220_4 oz	ASTM D7220	Sulfur	DF	4 oz AGB	\$295.32
RM_ULSD_ASTM D7220_4 oz	ASTM D7220	Sulfur	ULSD	4 oz AGB	\$369.66
RM_F24_ASTM D7224_8 oz	ASTM D7224	Water Separation	F24	8 oz AGB	\$494.54
RM_JF_ASTM D7224_8 oz	ASTM D7224	Water Separation	JF	8 oz AGB	\$366.85
RM_IHFO_ASTM D7279_125 mL	ASTM D7279	Viscosity	IHFO	125 mL AIB	\$487.50
RM_ISDO_ASTM D7279_125 mL	ASTM D7279	Viscosity	ISDO	125 mL AIB	\$496.13
RM_LU_ASTM D7279_125 mL	ASTM D7279	Viscosity	LU	125 mL AIB	\$289.91
RM_EC_ASTM D7304_250 mL	ASTM D7304	Denatonium Ion	EC	250 mL AIB	\$242.29
RM_ETOH_ASTM D7319_125 mL	ASTM D7319	Elemental - Ions	ETOH	125 mL AIB	\$391.81
RM_BIOD_ASTM D7321_2.5 L	ASTM D7321	Particulate	BIOD	2.5 L AIB	\$650.28
RM_ETOH_ASTM D7328_125 mL	ASTM D7328	Elemental - Ions	ETOH	125 mL AIB	\$391.81
RM_LG_ASTM D7342_32 oz	ASTM D7342	Penetration	LG	32 oz ELPC	\$487.75
RM_DF_ASTM D7345_125 mL	ASTM D7345	Distillation	DF	125 mL AIB	\$305.32
RM_F24_ASTM D7345_125 mL	ASTM D7345	Distillation	F24	125 mL AIB	\$455.09
RM_JF_ASTM D7345_125 mL	ASTM D7345	Distillation	JF	125 mL AIB	\$340.17
RM_MG_ASTM D7345_125 mL	ASTM D7345	Distillation	MG	125 mL AIB	\$334.38
RM_RFG_ASTM D7345_125 mL	ASTM D7345	Distillation	RFG	125 mL AIB	\$418.21
RM_DF_ASTM D7346_125 mL	ASTM D7346	Pour Point	DF	125 mL AIB	\$305.32
RM_LU_ASTM D7346_125 mL	ASTM D7346	Pour Point	LU	125 mL AIB	\$299.91
RM_TO_ASTM D7346_125 mL	ASTM D7346	Pour Point	TO	125 mL AIB	\$389.83
RM_BDF_ASTM D7371_125 mL	ASTM D7371	FAME	BDF	125 mL AIB	\$306.10
RM_BIOD_ASTM D7397_125 mL	ASTM D7397	Cloud Point	BIOD	125 mL AIB	\$292.63
RM_ISDO_ASTM D7412_125 mL	ASTM D7412	FTIR - Phosphate	ISDO	125 mL AIB	\$496.13
RM_ISDO_ASTM D7414_125 mL	ASTM D7414	FTIR - Oxidation	ISDO	125 mL AIB	\$496.13
RM_ISDO_ASTM D7415_125 mL	ASTM D7415	FTIR - Sulfate	ISDO	125 mL AIB	\$496.13
RM_BO_ASTM D7419_5 mL	ASTM D7419	Hydrocarbon Type	BO	5 mL AGA (8/pk)	\$498.53
RM_BO_ASTM D7500_5 mL	ASTM D7500	Simulated Distillation	BO	5 mL AGA (8/pk)	\$553.53
RM_BIOD_ASTM D7501_500 mL	ASTM D7501	Cold Soak Filtration	BIOD	500 mL AIB	\$390.17
RM_BZ_ASTM D7504_5 mL	ASTM D7504	Trace Impurities	BZ	5 mL AGA (8/pk)	\$517.00
RM_MX_ASTM D7504_5 mL	ASTM D7504	Trace Impurities	MX	5 mL AGA (8/pk)	\$517.00
RM_PX_ASTM D7504_5 mL	ASTM D7504	Trace Impurities	PX	5 mL AGA (8/pk)	\$517.00
RM_MX_ASTM D7536_125 mL	ASTM D7536	Chloride	MX	125 mL AIB	\$247.50
RM_DF_ASTM D7545_125 mL	ASTM D7545	Stability - Oxidation	DF	125 mL AIB	\$295.32
RM_ISDO_ASTM D7624_125 mL	ASTM D7624	FTIR - Nitration	ISDO	125 mL AIB	\$496.13
RM_IHFO_ASTM D7647_125 mL	ASTM D7647	Particulate	IHFO	125 mL AIB	\$502.50





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Product Code	Test Method	Property	Matrix	Container	Price
RM_DF_ASTM D7668_500 mL	ASTM D7668	Cetane Number, Derived	DF	500 mL AIB	\$445.50
RM_BIOD_ASTM D7688_4 oz	ASTM D7688	Lubricity	BIOD	4 oz AGB	\$292.63
RM_DF_ASTM D7688_4 oz	ASTM D7688	Lubricity	DF	4 oz AGB	\$295.32
RM_DF_ASTM D7689_125 mL	ASTM D7689	Cloud Point	DF	125 mL AIB	\$295.32
RM_LU_ASTM D7751_4 oz	ASTM D7751	Elemental Analysis	LU	4 oz AGB	\$309.91
RM_DF_ASTM D7777_125 mL	ASTM D7777	Density (Gravity)	DF	125 mL AIB	\$295.32
RM_ETOH_ASTM D7795_125 mL	ASTM D7795	Acid Number / Base Number	ETOH	125 mL AIB	\$381.81
RM_ETOH_ASTM D7923_125 mL	ASTM D7923	Water	ETOH	125 mL AIB	\$381.81
RM_LG_ASTM D8022_8 oz	ASTM D8022	Roll Stability	LG	8 oz ELPC	\$375.19
RM_CO_ASTM D8045_125 mL	ASTM D8045	Acid Number / Base Number	CO	125 mL AIB	\$340.53
RM_MG_ASTM D8071_5 mL	ASTM D8071	Hydrocarbon Type	MG	5 mL AGA (8/pk)	\$564.58
RM_RFG_ASTM D8071_5 mL	ASTM D8071	Hydrocarbon Type	RFG	5 mL AGA (8/pk)	\$694.99
RM_DF_ASTM D8110_4 oz	ASTM D8110	Elemental Analysis	DF	4 oz AGB	\$325.32
RM_CO_ASTM D8252_4 oz	ASTM D8252	Elemental Analysis	CO	4 oz AGB	\$345.53
RM_JF_ASTM D8267_5 mL	ASTM D8267	Aromatics	JF	5 mL AGA (8/pk)	\$523.59
RM_BZ_ASTM E1064_125 mL	ASTM E1064	Water	BZ	125 mL AIB	\$247.50
RM_ETOH_ASTM E1064_125 mL	ASTM E1064	Water	ETOH	125 mL AIB	\$381.81
RM_BDF_EN 14078_125 mL	EN 14078	FAME	BDF	125 mL AIB	\$306.10
RM_BIOD_EN 14103_5 mL	EN 14103	FAME	BIOD	5 mL AGA (8/pk)	\$460.20
RM_BIOD_EN 14110_20 mL	EN 14110	Methanol	BIOD	20 mL AGA (4/pk)	\$357.66
RM_BIOD_EN 14112_125 mL	EN 14112	Stability - Oxidation	BIOD	125 mL AIB	\$292.63
RM_BIOD_EN 14538_4 oz	EN 14538	Elemental Analysis	BIOD	4 oz AGB	\$297.63
RM_BDF_EN 15751_125 mL	EN 15751	Stability - Oxidation	BDF	125 mL AIB	\$306.10
RM_BIOD_EN 15751_125 mL	EN 15751	Stability - Oxidation	BIOD	125 mL AIB	\$292.63
RM_IFQ_IEC 60156_2.5 L	IEC 60156	Dielectric Breakdown	IFQ	2.5 L AIB	\$670.59
RM_IFQ_IEC 60814_125 mL	IEC 60814	Water	IFQ	125 mL AIB	\$301.76
RM_IFQ_IEC 62021-1_125 mL	IEC 62021-1	Acid Number / Base Number	IFQ	125 mL AIB	\$301.76
RM_IFQ_IEC 62021-2_125 mL	IEC 62021-2	Acid Number / Base Number	IFQ	125 mL AIB	\$301.76
RM_JF_IP 540_125 mL	IP 540	Gum Content	JF	125 mL AIB	\$330.17
RM_IFQ_ISO 12185_125 mL	ISO 12185	Density (Gravity)	IFQ	125 mL AIB	\$301.76
RM_IFQ_ISO 3104_125 mL	ISO 3104	Viscosity	IFQ	125 mL AIB	\$301.76
RM_NP_UOP 163_250 mL	UOP 163	Sulfur	NP	250 mL AIB	\$432.90