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Metallo-Organic Standards

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Metallo-Organic Standards



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Metallo-Organic Standards

The standards listed are for the determination of metals in oils and lubricants. These products include metals in a light mineral oil (20 cSt) matrix. Other oil and organic solvent matrices are available upon request.

Metallo-Organic Single-Component Standards				
Component	Concentration	Matrix	Weight	Part #
Aluminum	1,000 µg/mL	Mineral Oil	50 g	ALOMS-50
Aluminum	1,000 µg/mL	Mineral Oil	100 g	ALOMS-100
Antimony	1,000 µg/mL	Mineral Oil	50 g	SBOMS-50
Antimony	1,000 µg/mL	Mineral Oil	100 g	SBOMS-100
Arsenic	50 µg/g	Mineral Oil	50 g	ASOMS-50
Arsenic	50 µg/g	Mineral Oil	100 g	ASOMS-100
Barium	1,000 µg/mL	Mineral Oil	50 g	BAOMS-50
Barium	1,000 µg/mL	Mineral Oil	100 g	BAOMS-100
Beryllium	1,000 µg/mL	Mineral Oil	100 g	BEOMS-100
Boron	1,000 µg/mL	Mineral Oil	50 g	BBOMS-50
Boron	1,000 µg/mL	Mineral Oil	100 g	BBOMS-100
Cadmium	1,000 µg/mL	Mineral Oil	50 g	CDOMS-50
Cadmium	1,000 µg/mL	Mineral Oil	100 g	CDOMS-100
Calcium	1,000 µg/mL	Mineral Oil	50 g	CAOMS-50
Calcium	1,000 µg/mL	Mineral Oil	100 g	CAOMS-100
Chromium	1,000 µg/mL	Mineral Oil	50 g	CROMS-50
Chromium	1,000 µg/mL	Mineral Oil	100 g	CROMS-100
Cobalt	1,000 µg/mL	Mineral Oil	100 g	COOMS-100
Copper	1,000 µg/mL	Mineral Oil	50 g	CUOMS-50
Copper	1,000 µg/mL	Mineral Oil	100 g	CUOMS-100
Indium	1,000 µg/mL	Mineral Oil	50 g	INOMS-50
Indium	1,000 µg/mL	Mineral Oil	100 g	INOMS-100
Iron	1,000 µg/mL	Mineral Oil	100 g	FEOMS-100
Lead	1,000 µg/mL	Mineral Oil	100 g	PBOMS-100
Lithium	1,000 µg/mL	Mineral Oil	50 g	LIOMS-50
Lithium	1,000 µg/mL	Mineral Oil	100 g	LIOMS-100
Magnesium	1,000 µg/mL	Mineral Oil	50 g	MGOMS-50
Magnesium	1,000 µg/mL	Mineral Oil	100 g	MGOMS-100
Manganese	1,000 µg/mL	Mineral Oil	50 g	MNOMS-50
Manganese	1,000 µg/mL	Mineral Oil	100 g	MNOMS-100
Mercury	50 µg/g	Mineral Oil	50 g	HGOMS-50
Mercury	50 µg/g	Mineral Oil	100 g	HGOMS-100
Molybdenum	1,000 µg/mL	Mineral Oil	100 g	MOOMS-100
Nickel	1,000 µg/mL	Mineral Oil	50 g	NIOMS-50
Nickel	1,000 µg/mL	Mineral Oil	100 g	NIOMS-100
Phosphorus	1,000 µg/mL	Mineral Oil	50 g	PPOMS-50
Phosphorus	1,000 µg/mL	Mineral Oil	100 g	PPOMS-100
Potassium	1,000 µg/mL	Mineral Oil	50 g	KKOMS-50
Potassium	1,000 µg/mL	Mineral Oil	100 g	KKOMS-100
Selenium	50 µg/g	Mineral Oil	50 g	SEOMS-50
Selenium	50 µg/g	Mineral Oil	100 g	SEOMS-100
Silicon	1,000 µg/mL	Mineral Oil	50 g	SIOMS-50
Silicon	1,000 µg/mL	Mineral Oil	100 g	SIOMS-100

Metallo-Organic Single-Component Standards (cont'd)

Component	Concentration	Matrix	Weight	Part #
Silver	1,000 µg/mL	Mineral Oil	50 g	AGOMS-50
Silver	1,000 µg/mL	Mineral Oil	100 g	AGOMS-100
Sodium	1,000 µg/mL	Mineral Oil	50 g	NAOMS-50
Sodium	1,000 µg/mL	Mineral Oil	100 g	NAOMS-100
Sulfur	1,000 µg/mL	Mineral Oil	50 g	SSOMS-50
Sulfur	1,000 µg/mL	Mineral Oil	100 g	SSOMS-100
Tin	1,000 µg/mL	Mineral Oil	50 g	SNOMS-50
Tin	1,000 µg/mL	Mineral Oil	100 g	SNOMS-100
Titanium	1,000 µg/mL	Mineral Oil	50 g	TIOMS-50
Titanium	1,000 µg/mL	Mineral Oil	100 g	TIOMS-100
Tungsten	1,000 µg/mL	Mineral Oil	100 g	WWOMS-100
Vanadium	1,000 µg/mL	Mineral Oil	50 g	VVOMS-50
Vanadium	1,000 µg/mL	Mineral Oil	100 g	VVOMS-100
Yttrium	1,000 µg/mL	Mineral Oil	50 g	YYOMS-50
Yttrium	1,000 µg/mL	Mineral Oil	100 g	YYOMS-100
Zinc	1,000 µg/mL	Mineral Oil	50 g	ZNOMS-50
Zinc	1,000 µg/mL	Mineral Oil	100 g	ZNOMS-100
Trace Metals	—	Soybean Oil	100 g	CRM-TMSO-100
Base Mineral Oil	—	Light Mineral Oil	500 mL	BMOMS-500

Metallo-Organic Multi-Component Standards

Components	Concentration	Matrix	Weight	Part #
Aluminum, Chromium, Copper, Iron, Lead, Magnesium, Nickel, Silicon, Silver, Sodium, Tin, Titanium	200 µg/g	Mineral Oil	50g	OMS-12-50
			100g	OMS-12-100
Aluminum, Barium, Boron, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Phosphorus, Silicon, Silver, Sodium, Tin, Titanium, Vanadium, Zinc	200 µg/g	Mineral Oil	50g	OMS-21-50
			100g	OMS-21-100
			200g	OMS-21-200

Metal Extraction Customs

We now offer custom standards of metals extracted into various organic solvents. These standards are verified via ICP analysis and come with NIST SRM-traceable Certificates of Analysis.

To obtain a quotation for a metal extracted custom standard, you can use our inorganic quote form available at highpuritystandards.com or contact us at 843.767.7900 or toll free at 866.767.4771 or via email to info@highpuritystandards.com.



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Dawn Scientific Inc is women owned small business located in central New Jersey. We have been serving our esteemed customers from various industries since 1978. Our priority is to supply quality lab products and chemicals from top of the range suppliers to our customers in Pharmaceuticals, Biopharma, Chemical, Cosmetics, Dietary & Herbal companies and many more whilst keeping in mind that better prices need not be compromised. We take great pride in serving other small businesses as well as educational institutes.



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