



Metallo-Organic Standards

ISO 9001:2015 Registered • ISO/IEC 17025:2005 Accredited • ISO 17034:2016 Accredited

Distributed By:

Greyhound Chromatography and Allied Chemicals
6 Kelvin Park, Birkenhead, Merseyside, CH41 1LT, UK

Tel: + (0) 151 649 4000 Fax: + (0) 151 649 4001
Email: sales@greyhoundchrom.com

WWW.GREYHOUNDCHROM.COM

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.



Quote Request Form for ICP Inorganic Custom Standards

Return form To: sales@greyhoundchrom.com

* = Required Field

*Company Name:		*Contact Name:	
*Phone:		*E-mail:	
*Fax:		Preferred Method of Contact:	
*Analytical Method/Intended Use:			
*Concentration Units:	*Total Volume Required:	*Bottled As:	
*Desired Matrix/Solvent: (Matrix may change due to compatibility)			

Fill in desired concentration of required elements/components. Use the blank/other fields to fill in any components not listed.

Comp	Conc.	Comp	Conc.	Comp	Conc.	Comp	Conc.	Comp	Conc.
Al		In		Ru		Bromide			
Sb		Ir		Sm		Chloride			
As		Fe		Sc		Cyanide			
Ba		La		Se		Iodide			
Be		Pb		Si		Phosphate			
Bi		Li		Ag		Sulfate			
B		6Li		Na		Other			
Cd		Lu		Sr					
Ca		Mg		S					
C		Mn		Ta					
Ce		Hg		Te					
Cs		Mo		Tb					
Cr**		Nd		Tl					
Co		Ni		Th					
Cu		Nb		Tm					
Dy		Os		Sn					
Er		Pd		Ti					
Eu		P		W					
Gd		Pt		U***					
Ga		K		V					
Ge		Pr		Yb					
Au		Re		Y					
Hf		Rh		Zn					
Ho		Rb		Zr					
Special Instructions:									

** Cr is provided as Cr (III) + certified as total Cr.

*** Depleted, Natural U available upon request.