



METALLO-ORGANIC CRM

A new line of Metallo-Organic single and multi-element standards in oil, traceable to NIST or BAM, is now added to our wide range of ISO 17034 and ISO 17025 certified reference materials.

METALLO-ORGANIC STANDARDS

Ref. No	Description	ISO 17034	Vol	Msr	USAGE	Shelf-life (months)	Elements
CPL00101000.L05	Ag 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00105000.L05	Ag 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00201000.L05	Al 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00205000.L05	Al 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00301000.L05	As 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00401000.L05	B 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00405000.L05	B 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00501000.L05	Ba 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00505000.L05	Ba 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00601000.L05	Be 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00605000.L05	Be 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00701000.L05	Bi 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00705000.L05	Bi 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00801000.L05	Ca 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00805000.L05	Ca 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00901000.L05	Cd 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL00905000.L05	Cd 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01001000.L05	Ce 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01005000.L05	Ce 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01101000.L05	Co 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01105000.L05	Co 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01201000.L05	Cr 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01205000.L05	Cr 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01301000.L05	Cu 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01305000.L05	Cu 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01401000.L05	Fe 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01405000.L05	Fe 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01501000.L05	Hg 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01601000.L05	In 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01605000.L05	In 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01701000.L05	K 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01705000.L05	K 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01801000.L05	La 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01805000.L05	La 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01901000.L05	Li 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL01905000.L05	Li 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02001000.L05	Mg 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02005000.L05	Mg 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02101000.L05	Mn 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02105000.L05	Mn 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02201000.L05	Mo 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02205000.L05	Mo 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02301000.L05	Na 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02305000.L05	Na 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02401000.L05	Ni 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02405000.L05	Ni 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02501000.L05	P 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02505000.L05	P 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02601000.L05	Pb 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02605000.L05	Pb 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02701000.L05	Sb 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02705000.L05	Sb 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02801000.L05	Si 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02805000.L05	Si 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02901000.L05	Sn 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL02905000.L05	Sn 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03001000.L05	Sr 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1

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CPL03005000.L05	Sr 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03101000.L05	Ti 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03105000.L05	Ti 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03201000.L05	Ti 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03205000.L05	Ti 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03301000.L05	V 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03305000.L05	V 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03401000.L05	W 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03405000.L05	W 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03501000.L05	Y 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03505000.L05	Y 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03601000.L05	Zn 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03605000.L05	Zn 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03701000.L05	Zr 1000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03705000.L05	Zr 5000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL03802000.L05	Sc 2000mg/kg in Base oil 20 cSt	Yes	50	ml	ICP	12	1
CPL116576.L1	Multi-Element Organometallic Oil Standards - 21 components: 900ppm each of Ag; Al; B; Ba; Ca; Cd; Cr; Cu; Fe; Mg; Mn; Mo; Na; Ni; P; Pb; Si; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	21
CPL116577.L1	Multi-Element Organometallic Oil Standards - 21 components: 100ppm each of Ag; Al; B; Ba; Ca; Cd; Cr; Cu; Fe; Mg; Mn; Mo; Na; Ni; P; Pb; Si; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	21
CPL116578.L1	Multi-Element Organometallic Oil Standards - 21 components: 10ppm each of Ag; Al; B; Ba; Ca; Cd; Cr; Cu; Fe; Mg; Mn; Mo; Na; Ni; P; Pb; Si; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	21
CPL116579.L1	Multi-Element Organometallic Oil Standards - 21 components: 500ppm each of Ag; Al; B; Ba; Ca; Cd; Cr; Cu; Fe; Mg; Mn; Mo; Na; Ni; P; Pb; Si; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	21
CPL116580.L1	Multi-Element Organometallic Oil Standards - 23 components: 100ppm each of Al; Sb; Ba; B; Cd; Ca; Cr; Cu; Fe; Pb; Mg; Mn; Mo; Ni; P; K; Si; Ag; Na; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	23
CPL116581.L1	Multi-Element Organometallic Oil Standards - 23 components: 900ppm each of Al; Sb; Ba; B; Cd; Ca; Cr; Cu; Fe; Pb; Mg; Mn; Mo; Ni; P; K; Si; Ag; Na; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	23
CPL116582.L1	Multi-Element Organometallic Oil Standards - 23 components: 500ppm each of Al; Sb; Ba; B; Cd; Ca; Cr; Cu; Fe; Pb; Mg; Mn; Mo; Ni; P; K; Si; Ag; Na; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	23
CPL116584.L1	Multi-Element Organometallic Oil Standards - 5 components: 5000ppm each of Ba; Ca; Mg; P; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	5
CPL116585.L1	Multi-Element Organometallic Oil Standards - 5 components: 1000ppm each of Ba; Ca; Mg; P; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	5
CPL116586.L1	Multi-Element Organometallic Oil Standards - 5 components: 900ppm each of Ba; Ca; Mg; P; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	5
CPL116587.L1	Multi-Element Organometallic Oil Standards - 22 components: 100ppm each of Al; Ba; B; Cd; Ca; Cr; Cu; Fe; Pb; Mg; Mn; Mo; Ni; P; K; Si; Ag; Na; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	22
CPL116588.L1	Multi-Element Organometallic Oil Standards - 22 components: 10ppm each of Al; Ba; B; Cd; Ca; Cr; Cu; Fe; Pb; Mg; Mn; Mo; Ni; P; K; Si; Ag; Na; Sn; Ti; V; Zn in Base oil 75 cSt	Yes	100	ml	ICP	12	22
CPL118517.L1	Multi-Element Organometallic Oil Standards - 12 components: 10ppm each of Ag; Al; Cr; Cu; Fe; Mg; Na; Ni; Pb; Si; Sn; Ti in Base oil 75 cSt	Yes	100	ml	ICP	12	12
CPL118518.L1	Multi-Element Organometallic Oil Standards - 12 components: 100ppm each of Ag; Al; Cr; Cu; Fe; Mg; Na; Ni; Pb; Si; Sn; Ti in Base oil 75 cSt	Yes	100	ml	ICP	12	12
CPL118519.L1	Multi-Element Organometallic Oil Standards - 12 components: 500ppm each of Ag; Al; Cr; Cu; Fe; Mg; Na; Ni; Pb; Si; Sn; Ti in Base oil 75 cSt	Yes	100	ml	ICP	12	12
CPLB20.L5	Base oil 20 cSt - Blank	No	500	ml	ICP	12	1
CPLB75.L5	Base oil 75 cSt - Blank	No	500	ml	ICP	12	1



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