

Quality Control Standards

Quality Control Standard Solution #7 (7 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Potassium (K)	1000 mg/L	Silver (Ag)	100 mg/L	5% HNO ₃	100ml	LK1-01090101	€ 69,00
Aluminum (Al)	100 mg/L	Sodium (Na)	100 mg/L	5% HNO ₃	250ml	LK1-01090102	€ 100,00
Barium (Ba)	100 mg/L	Silicon (Si)	50 mg/L	5% HNO ₃	500ml	LK1-01090103	€ 130,00
Boron (B)	100 mg/L						

Quality Control Standard Solution #19 (19 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Antimony (Sb)	100 mg/L	Magnesium (Mg)	100 mg/L	5% HNO ₃ + Tr HF	100ml	LK1-01100101	€ 116,00
Arsenic (As)	100 mg/L	Manganese (Mn)	100 mg/L	5% HNO ₃ + Tr HF	250ml	LK1-01100102	€ 158,00
Beryllium (Be)	100 mg/L	Molybdenum (Mo)	100 mg/L	5% HNO ₃ + Tr HF	500ml	LK1-01100103	€ 225,00
Cadmium (Cd)	100 mg/L	Nickel (Ni)	100 mg/L				
Calcium (Ca)	100 mg/L	Selenium (Se)	100 mg/L				
Chromium (Cr)	100 mg/L	Thallium (Tl)	100 mg/L				
Cobalt (Co)	100 mg/L	Titanium (Ti)	100 mg/L				
Copper (Cu)	100 mg/L	Vanadium (V)	100 mg/L				
Iron (Fe)	100 mg/L	Zinc (Zn)	100 mg/L				
Lead (Pb)	100 mg/L						

Quality Control Standard Solution #23 (23 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Antimony (Sb)	100 mg/L	Magnesium (Mg)	100 mg/L	5% HNO ₃ + Tr HF	100ml	LK1-01400101	€ 142,00
Arsenic (As)	100 mg/L	Molybdenum (Mo)	100 mg/L	5% HNO ₃ + Tr HF	250ml	LK1-01400102	€ 205,00
Beryllium (Be)	100 mg/L	Nickel (Ni)	100 mg/L	5% HNO ₃ + Tr HF	500ml	LK1-01400103	€ 300,00
Cadmium (Cd)	100 mg/L	Phosphorus (P)	100 mg/L				
Calcium (Ca)	100 mg/L	Selenium (Se)	100 mg/L				
Chromium (Cr)	100 mg/L	Strontium (Sr)	100 mg/L				
Cobalt (Co)	100 mg/L	Thallium (Tl)	100 mg/L				
Copper (Cu)	100 mg/L	Tin (Sn)	100 mg/L				
Iron (Fe)	100 mg/L	Titanium (Ti)	100 mg/L				
Lead (Pb)	100 mg/L	Vanadium (V)	100 mg/L				
Lithium (Li)	100 mg/L	Zinc (Zn)	100 mg/L				
Magnesium (Mg)	100 mg/L						

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Quality Control Standard Solution #26 (26 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Potassium (K)	1000 mg/L	Lead (Pb)	100 mg/L	5% HNO ₃ + Tr HF	100ml	LK1-00080101	€ 151,00
Aluminum (Al)	100 mg/L	Magnesium (Mg)	100 mg/L	5% HNO ₃ + Tr HF	250ml	LK1-00080102	€ 226,00
Antimony (Sb)	100 mg/L	Manganese (Mn)	100 mg/L	5% HNO ₃ + Tr HF	500ml	LK1-00080103	€ 313,00
Arsenic (As)	100 mg/L	Molybdenum (Mo)	100 mg/L				
Barium (Ba)	100 mg/L	Nickel (Ni)	100 mg/L				
Beryllium (Be)	100 mg/L	Selenium (Se)	100 mg/L				
Boron (B)	100 mg/L	Silver (Ag)	100 mg/L				
Cadmium (Cd)	100 mg/L	Sodium (Na)	100 mg/L				
Calcium (Ca)	100 mg/L	Thallium (Tl)	100 mg/L				
Chromium (Cr)	100 mg/L	Titanium (Ti)	100 mg/L				
Cobalt (Co)	100 mg/L	Vanadium (V)	100 mg/L				
Copper (Cu)	100 mg/L	Zinc (Zn)	100 mg/L				
Iron (Fe)	100 mg/L	Silicon (Si)	50 mg/L				

ICP-MS Internal Standard Solution #1 (7 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Bismuth (Bi)	10 mg/L	Scandium (Sc)	10 mg/L	2% HNO ₃	100ml	LK1-01510101	€ 69,00
Holmium (Ho)	10 mg/L	Terbium (Tb)	10 mg/L	2% HNO ₃	250ml	LK1-01510102	€ 100,00
Indium (In)	10 mg/L	Yttrium (Y)	10 mg/L	2% HNO ₃	500ml	LK1-01510103	€ 153,00
Lithium6 (Li6)	10 mg/L						

ICP-MS Internal Standard Solution #2 (7 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Germanium (Ge)	100 mg/L	Scandium (Sc)	100 mg/L	2% HNO ₃ + Tr HF	100ml	LK1-00520101	€ 160,00
Indium (In)	100 mg/L	Tantalum (Ta)	100 mg/L	2% HNO ₃ + Tr HF	250ml	LK1-00520102	€ 210,00
Lutetium (Lu)	100 mg/L	Yttrium (Y)	100 mg/L	2% HNO ₃ + Tr HF	500ml	LK1-00520103	€ 321,00
Rhodium (Rh)	100 mg/L						

ICP-MS Internal Standard Solution #3 (5 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Germanium (Ge)	100 mg/L	Lutetium (Lu)	10 mg/L	2% HNO ₃ + Tr HF	100ml	LK1-60740201	€ 82,00
Scandium (Sc)	100 mg/L	Tantalum (Ta)	10 mg/L	2% HNO ₃ + Tr HF	250ml	LK1-60740202	€ 116,00
Indium (In)	10 mg/L			2% HNO ₃ + Tr HF	500ml	LK1-60740203	€ 174,00



ICP-MS Internal Standard Solution #4 (5 Elements)

Elements	Concentrations	Elements	Concentrations	Matrix	Volume	Part number	Price
Bismuth (Bi)	10 mg/L	Terbium (Tb)	10 mg/L	0.5% HNO ₃	100ml	LK1-02370101	€ 30,00
Indium (In)	10 mg/L	Yttrium (Y)	10 mg/L	0.5% HNO ₃	250ml	LK1-02370102	€ 75,00
Scandium (Sc)	10 mg/L			0.5% HNO ₃	500ml	LK1-02370103	€ 125,00

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