

ICP-MS Standards

Installation and Checkout/Tuning Solutions/Multi-Element Calibration/Single Element

ICP-MS Standards

Installation and Checkout Standards

Description	Part No.	Price
ICP-MS checkout solution for T-Mode. Contains detection limit solution 10 ppb Fe, Se, Pb in 0.2 wt% HNO ₃	5184-3563	\$150
ICP-MS checkout solutions for 7500s system installation kit. Contains tuning solution, dual mode (1), dual mode (2), abundance sensitivity (1), abundance sensitivity (2), detection limit solution, high sensitivity tune, wash, and water blank solutions.	5184-3564	650
ICP-MS checkout solutions for 7500a, 7500i, and 7500c system installation kit. Contains tuning solution, dual mode (1), dual mode (2), wash, and water blank solutions.	5184-3565	373

Tuning Solutions

Description	Part No.	Price
Stock tuning selection: Li, Y, Ce, Tl and Co; 100 mL, 10 µg/mL; matrix=2% HNO ₃	8500-6943	\$93
Tuning solution: Li, Y, Ce, Tl and Co; 2 x 500 mL, 10 ng/mL; matrix=0.2% HNO ₃	5184-3566	174

Multi-Element Calibration Standards

Description	Part No.	Price
Multi-element calibration standard-1: Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, Y, Yb; 100 mL, 10 µg/mL; matrix=5% HNO ₃	8500-6944	\$120
Multi-element calibration standard-2A: Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, Hg, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Tl, U, V, Zn; 100 mL, 10 µg/mL; matrix=5% HNO ₃	8500-6940	273
Multi-element calibration standard-3: Sb, Au, Hf, Ir, Pd, Pt, Rh, Ru, Te, Sn; 100 mL, 10 µg/mL; matrix=10% HCl	8500-6948	137
Multi-element calibration standard-4: B, Ge, Mo, Nb, P, Re, S, Si, Ta, Ti, W, Zr; 100 mL, 10 µg/mL; matrix=H ₂ O/trace HF	8500-6942	164

Single Element Standards

Description	Part No.	Price
Bismuth, 100 mL, 10 µg/mL	8500-6936	\$68
Cobalt, 100 mL, 10 µg/mL	8500-6947	55
Gold, 100 mL, 10 µg/mL	8500-7000	82
Indium, 100 mL, 10 µg/mL	8500-6946	55
Mercury, 100 mL, 10 µg/mL	8500-6941	50
Rhodium, 100 mL, 10 µg/mL	8500-6945	306
Scandium, 100 mL, 10 µg/mL	8500-6937	82
Terbium, 100 mL, 10 µg/mL	8500-6938	55
Yttrium, 100 mL, 10 µg/mL	8500-6939	55

ICP-MS Standards

Interference Check Mixes/Environmental Standards

Interference Check Mixes

Description	Part No.	Price
6020 interference check mix 1: Cl, C, Ca, Fe, K, Al, Mg, Na, P, S, Mo, Ti at various concentrations; 100 mL; matrix=5% HNO ₃ /trace HF	8500-6998	\$273
6020 interference check mix 2: Ag, As, Cd, Co, Cr, Cu, Mn, Ni, Zn; 100 mL, 10 µg/mL, matrix=2% HNO ₃	8500-7001	110

Environmental Standards

Description	Part No.	Price
Environmental calibration standard: 1,000 ppm: Fe, K, Ca, Na, Mg; 10 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix = 10% HNO ₃ , 100 mLs	5183-4688	\$455
Initial calibration verification standard: 1,000 ppm: Fe, K, Ca, Na, Mg, Sr; 10 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix = 5% HNO ₃ , 100 mLs	5183-4682	490
Internal standard mix: 500 mLs 10 ppm: ⁶ Li, Sc, Ge, Y, In, Tb, Bi; matrix = 5-10% HNO ₃ , 500 mLs	5183-4680	242
Internal standard mix: 10 ppm: ⁶ Li, Sc, Ge, Y, In, Tb, Bi; matrix = 5-10% HNO ₃ , 100 mLs	5183-4681	124
Environmental spike mix: 1,000 ppm: Fe, K, Ca, Na, Mg; 100 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, U; matrix = 5% HNO ₃ ; 100 mLs	5183-4687	455