

Aqueous calibration solution (uncertified) in 5% HNO₃ + 0.2% HF

Art. ID AP-TUNE-5-(F-25)
Unit 25 mL/HDPE
Deliverydetails ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN2031 II E2

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Selenium (Se)	[7782-49-2]	1250 ± 12.5	mg/L		
	Calcium (Ca)	[7440-70-2]	1000 ± 10	mg/L		
	Phosphorus (P)	[7723-14-0]	1000 ± 10	mg/L		
	Silicon (Si)	[7440-21-3]	1000 ± 10	mg/L		
	Beryllium (Be)	[7440-41-7]	500 ± 5	mg/L		
	Tellurium (Te)	[13494-80-9]	500 ± 5	mg/L		
	Titanium (Ti)	[7440-32-6]	500 ± 5	mg/L		
	Arsenic (As)	[7440-38-2]	250 ± 2.5	mg/L		
	Boron (B)	[7440-42-8]	200 ± 2	mg/L		
	Copper (Cu)	[7440-50-8]	150 ± 1.5	mg/L		
	Germanium (Ge)	[7440-56-4]	150 ± 1.5	mg/L		
	Nickel (Ni)	[7440-02-0]	150 ± 1.5	mg/L		
	Zinc (Zn)	[7440-66-6]	150 ± 1.5	mg/L		
	Cadmium (Cd)	[7440-43-9]	100 ± 1	mg/L		
	Lithium (Li)	[7439-93-2]	100 ± 1	mg/L		
	Molybdenum (Mo)	[7439-98-7]	100 ± 1	mg/L		
	Palladium (Pd)	[7440-05-3]	100 ± 1	mg/L		
	Aluminium (Al)	[7429-90-5]	50 ± 0.5	mg/L		
	Barium (Ba)	[7440-39-3]	50 ± 0.5	mg/L		
	Magnesium (Mg)	[7439-95-4]	50 ± 0.5	mg/L		
	Gallium (Ga)	[7440-55-3]	45 ± 0.45	mg/L		
	Gadolinium (Gd)	[7440-54-2]	45 ± 0.45	mg/L		
	Neodymium (Nd)	[7440-00-8]	45 ± 0.45	mg/L		
	Samarium (Sm)	[7440-19-9]	45 ± 0.45	mg/L		
	Tin (Sn)	[7440-31-5]	45 ± 0.45	mg/L		
	Silver (Ag)	[7440-22-4]	40 ± 0.4	mg/L		
	Chromium (Cr)	[7440-47-3]	40 ± 0.4	mg/L		
	Sodium (Na)	[7440-23-5]	40 ± 0.4	mg/L		
	Antimony (Sb)	[7440-36-0]	40 ± 0.4	mg/L		
	Vanadium (V)	[7440-62-2]	40 ± 0.4	mg/L		
	Cobalt (Co)	[7440-48-4]	35 ± 0.35	mg/L		

Potassium (K)	[7440-09-7]	35 ± 0.35	mg/L
Zirconium (Zr)	[7440-67-7]	35 ± 0.35	mg/L
Rubidium (Rb)	[7440-17-7]	30 ± 0.3	mg/L
Scandium (Sc)	[7440-20-2]	30 ± 0.3	mg/L
Dysprosium (Dy)	[7429-91-6]	25 ± 0.25	mg/L
Tungsten (W)	[7440-33-7]	25 ± 0.25	mg/L
Ytterbium (Yb)	[7440-64-4]	25 ± 0.25	mg/L
Iron (Fe)	[7439-89-6]	20 ± 0.2	mg/L
Manganese (Mn)	[7439-96-5]	20 ± 0.2	mg/L
Niobium (Nb)	[7440-03-1]	20 ± 0.2	mg/L
Strontium (Sr)	[7440-24-6]	20 ± 0.2	mg/L
Caesium (Cs)	[7440-46-2]	15 ± 0.15	mg/L
Erbium (Er)	[7440-52-0]	15 ± 0.15	mg/L
Hafnium (Hf)	[7440-58-6]	15 ± 0.15	mg/L
Rhenium (Re)	[7440-15-5]	15 ± 0.15	mg/L
Yttrium (Y)	[7440-65-5]	15 ± 0.15	mg/L
Cerium (Ce)	[7440-45-1]	10 ± 0.1	mg/L
Europium (Eu)	[7440-53-1]	10 ± 0.1	mg/L
Indium (In)	[7440-74-6]	10 ± 0.1	mg/L
Lanthanum (La)	[7439-91-0]	10 ± 0.1	mg/L
Lead (Pb)	[7439-92-1]	10 ± 0.1	mg/L
Praseodymium (Pr)	[7440-10-0]	10 ± 0.1	mg/L
Thallium (Tl)	[7440-28-0]	10 ± 0.1	mg/L
Bismuth (Bi)	[7440-69-9]	5 ± 0.05	mg/L
Holmium (Ho)	[7440-60-0]	5 ± 0.05	mg/L
Lutetium (Lu)	[7439-94-3]	5 ± 0.05	mg/L
Tantalum (Ta)	[7440-25-7]	5 ± 0.05	mg/L
Terbium (Tb)	[7440-27-9]	5 ± 0.05	mg/L
Thorium (Th)	[7440-29-1]	5 ± 0.05	mg/L
Thulium (Tm)	[7440-30-4]	5 ± 0.05	mg/L
Uranium (U)	[7440-61-1]	5 ± 0.05	mg/L