

## **Proficiency Testing - Metals in Soil, priority pollutant**

Art. ID	ERA-620
Unit	each
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN3077 III E1

### Description

One 30 g soil sample in a screw-cap bottle for all ICP and AA, RCRA and Superfund Methods including EPA Digestion Methods 3050 Hot Plate and 3051 Microwave, or other applicable methods. Includes all metals shown below.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	2500 - 25000	mg/kg		
	Antimony (Sb)	[7440-36-0]	80 - 300	mg/kg		
	Arsenic (As)	[7440-38-2]	40 - 400	mg/kg		
	Barium (Ba)	[7440-39-3]	100 - 1000	mg/kg		
	Beryllium (Be)	[7440-41-7]	30 - 200	mg/kg		
	Boron (B)	[7440-42-8]	80 - 800	mg/kg		
	Cadmium (Cd)	[7440-43-9]	40 - 400	mg/kg		
	Calcium (Ca)	[7440-70-2]	1500 - 25000	mg/kg		
	Chromium (Cr)	[7440-47-3]	40 - 400	mg/kg		
	Cobalt (Co)	[7440-48-4]	40 - 400	mg/kg		
	Copper (Cu)	[7440-50-8]	40 - 400	mg/kg		
	Iron (Fe)	[7439-89-6]	5000 - 50000	mg/kg		
	Lead (Pb)	[7439-92-1]	40 - 400	mg/kg		
	Lithium (Li)	[7439-93-2]	1 - 250	mg/kg		
	Magnesium (Mg)	[7439-95-4]	1200 - 25000	mg/kg		
	Manganese (Mn)	[7439-96-5]	100 - 2000	mg/kg		
	Mercury (Hg)	[7439-97-6]	1,0 - 35	mg/kg		
	Molybdenum (Mo)	[7439-98-7]	30 - 300	mg/kg		
	Nickel (Ni)	[7440-02-0]	40 - 500	mg/kg		
	Potassium (K)	[7440-09-7]	1400 - 25000	mg/kg		
	Selenium (Se)	[7782-49-2]	40 - 400	mg/kg		
	Silver (Ag)	[7440-22-4]	20 - 100	mg/kg		
	Sodium (Na)	[7440-23-5]	150 - 15000	mg/kg		
	Strontium (Sr)	[7440-24-6]	40 - 400	mg/kg		
	Thallium (Tl)	[7440-28-0]	40 - 400	mg/kg		
	Tin (Sn)	[7440-31-5]	50 - 250	mg/kg		
	Titanium (Ti)	[7440-32-6]	10,0 - 2000	mg/kg		
	Uranium (U)	[7440-61-1]	1 - 250	mg/kg		

Vanadium (V)	[7440-62-2]	40 - 400	mg/kg
Zinc (Zn)	[7440-66-6]	100 - 1000	mg/kg