

Quality control material - Industrial polluted land (metals)

Art. ID AP-METRANAL-22
Unit 40 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Dry mass at 105 °C	Arsenic (As)	[7440-38-2]	34 ± 0,8	mg/kg	Aqua regia extractab le content according to ISO 11 466 (1995)	
Dry mass at 105 °C	Barium (Ba)	[7440-39-3]	148 ± 4	mg/kg	Aqua regia extractab le content according to ISO 11 466 (1995)	
Dry mass at 105 °C	Beryllium (Be)	[7440-41-7]	3,31 ± 0,05	mg/kg	Aqua regia extractab le content according to ISO 11 466 (1995)	
Dry mass at 105 °C	Calcium (Ca)	[7440-70-2]	4660 ± 135	mg/kg	Aqua regia extractab le content according to ISO 11 466 (1995)	
Dry mass at 105 °C	Cadmium (Cd)	[7440-43-9]	0,47 ± 0,01	mg/kg	Aqua regia extractab le content according to ISO 11 466 (1995)	
Dry mass at 105 °C	Cobalt (Co)	[7440-48-4]	15 ± 0,4	mg/kg	Aqua regia	

					extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Copper (Cu)	[7440-50-8]	57,9 ± 0,7	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Manganese (Mn)	[7439-96-5]	416 ± 7	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Molybdenum (Mo)	[7439-98-7]	4,5 ± 0,18	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Nickel (Ni)	[7440-02-0]	32 ± 0,9	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Lead (Pb)	[7439-92-1]	44,3 ± 2,1	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Selenium (Se)	[7782-49-2]	<2	mg/kg	Aqua regia extractable content

					according to ISO 11466 (1995)
Dry mass at 105 °C	Tin (Sn)	[7440-31-5]	4,83 ± 0,29	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Vanadium (V)	[7440-62-2]	50,1 ± 1,2	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Zinc (Zn)	[7440-66-6]	149 ± 4	mg/kg	Aqua regia extractable content according to ISO 11466 (1995)
Dry mass at 105 °C	Sulfate (water soluble)		8568 ± 51	mg/kg	
Dry mass at 105 °C	Chloride (water soluble)		165 ± 2	mg/kg	
Dry mass at 105 °C	Fluoride (water soluble)		3,32 ± 0,05	mg/kg	
at 440 °C	Loss on Ignition (LOI)		8,12 ± 0,03	%	
	Dry residue (40 °C)		98,42 ± 0,05	%	
	Dry residue (105 °C)		97,34 ± 0,05	%	