

Agricultural soil - Heavy loam with normal analyte levels - also available as a set with AP-AN-ZP02 (AP-AN-ZP-SET)

Art. ID AP-AN-ZP01
Unit 50 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Corrected to a dry weight ht at 105 °C	Arsenic (As)	[7440-38-2]	16,6 ± 0,9	mg/kg		
Corrected to a dry weight ht at 105 °C	Barium (Ba)	[7440-39-3]	185 ± 7	mg/kg		
Corrected to a dry weight ht at 105 °C	Beryllium (Be)	[7440-41-7]	2,31 ± 0,08	mg/kg		
Corrected to a dry weight ht at 105 °C	Cadmium (Cd)	[7440-43-9]	0,43 ± 0,04	mg/kg		
Corrected to a dry weight ht at 105 °C	Cobalt (Co)	[7440-48-4]	18 ± 0,9	mg/kg		
Corrected to a dry weight ht at 105 °C	Chromium (Cr)	[7440-47-3]	46,2 ± 2,5	mg/kg		
Corrected to a dry weight ht at 105 °C	Copper (Cu)	[7440-50-8]	29,2 ± 1,4	mg/kg		
Corrected to a dry weight ht at 105 °C	Mercury (Hg) extract		~0,085	mg/kg		
Corrected to a dry weight ht at 105 °C	Mercury (Hg) total		0,082 ± 0,01	mg/kg		
Corrected to a dry weight ht at 105 °C	Manganese (Mn)	[7439-96-5]	649 ± 27	mg/kg		
Corrected to a dry weight ht at 105 °C	Molybdenum (Mo)	[7439-98-7]	0,49 ± 0,08	mg/kg		
Corrected to a dry weight ht at 105 °C	Nickel (Ni)	[7440-02-0]	38,3 ± 1,9	mg/kg		
Corrected to a dry weight ht at 105 °C	Lead (Pb)	[7439-92-1]	33,6 ± 1,4	mg/kg		
Corrected to a dry weight ht at 105 °C	Antimony (Sb)	[7440-36-0]	~0,75	mg/kg		
Corrected to a dry weight ht at 105 °C	Tin (Sn)	[7440-31-5]	3 ± 0,38	mg/kg		

Corrected to a dry weight ht at 105 °C	Strontium (Sr)	[7440-24-6]	76,8 ± 4,1	mg/kg
Corrected to a dry weight ht at 105 °C	Thallium (Tl)	[7440-28-0]	0,73 ± 0,14	mg/kg
Corrected to a dry weight ht at 105 °C	Vanadium (V)	[7440-62-2]	53,3 ± 2,4	mg/kg
Corrected to a dry weight ht at 105 °C	Zinc (Zn)	[7440-66-6]	125 ± 5	mg/kg
	SiO ₂		62,1	%
	TiO ₂		0,77	%
	Al ₂ O ₃		12,69	%
	Fe ₂ O ₃		5,25	%
	MgO	[1309-48-4]	1,2	%
	MnO		0,085	%
	CaO		1,61	%
	Li ₂ O		0,008	%
	Na ₂ O		0,56	%
	K ₂ O		2,21	%
	P ₂ O ₅		0,23	%
105 °C	H ₂ O		4,99	%
900 °C	LOI		8,82	%
	Total nitrogen		0,25	%