

Agricultural soil - Silty clay loam contaminated with some heavy metals - also available as a set with AP-AN-ZP01 (AP-AN-ZP-SET)

Art. ID AP-AN-ZP02
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 ± 1	mg/kg		
Corrected to a dry weight ht at 105 °C	Barium (Ba)	[7440-39-3]	158 ± 7	mg/kg		
Corrected to a dry weight ht at 105 °C	Beryllium (Be)	[7440-41-7]	0,64 ± 0,05	mg/kg		
Corrected to a dry weight ht at 105 °C	Cadmium (Cd)	[7440-43-9]	1,63 ± 0,11	mg/kg		
Corrected to a dry weight ht at 105 °C	Cobalt (Co)	[7440-48-4]	27,2 ± 1,1	mg/kg		
Corrected to a dry weight ht at 105 °C	Chromium (Cr)	[7440-47-3]	68,1 ± 2,3	mg/kg		
Corrected to a dry weight ht at 105 °C	Copper (Cu)	[7440-50-8]	22 ± 1,2	mg/kg		
Corrected to a dry weight ht at 105 °C	Mercury (Hg) extract		~0,149	mg/kg		
Corrected to a dry weight ht at 105 °C	Mercury (Hg) total		0,136 ± 0,01	mg/kg		
Corrected to a dry weight ht at 105 °C	Manganese (Mn)	[7439-96-5]	1802 ± 70	mg/kg		
Corrected to a dry weight ht at 105 °C	Molybdenum (Mo)	[7439-98-7]	0,75 ± 0,07	mg/kg		
Corrected to a dry weight ht at 105 °C	Nickel (Ni)	[7440-02-0]	9,75 ± 0,57	mg/kg		
Corrected to a dry weight ht at 105 °C	Lead (Pb)	[7439-92-1]	205 ± 8	mg/kg		
Corrected to a dry weight ht at 105 °C	Antimony (Sb)	[7440-36-0]	8,03 ± 0,54	mg/kg		
Corrected to a dry weight ht at 105 °C	Tin (Sn)	[7440-31-5]	~4,65	mg/kg		

Corrected to a dry weight ht at 105 °C	Strontium (Sr)	[7440-24-6]	31,6 ± 1,5	mg/kg
Corrected to a dry weight ht at 105 °C	Vanadium (V)	[7440-62-2]	138 ± 3	mg/kg
Corrected to a dry weight ht at 105 °C	Zinc (Zn)	[7440-66-6]	173 ± 7	mg/kg
	SiO ₂		60,3	%
	TiO ₂		1,56	%
	Al ₂ O ₃		12,92	%
	Fe ₂ O ₃		8,33	%
	MgO	[1309-48-4]	1,62	%
	MnO		0,263	%
	CaO		2,07	%
	Li ₂ O		0,006	%
	Na ₂ O		2,89	%
	K ₂ O		0,99	%
	P ₂ O ₅		0,212	%
105 °C	H ₂ O		2,61	%
900 °C	LOI		6,77	%
	Total nitrogen		0,17	%