

Iron rich sewage sludge ash), powder

Art. ID	BAM-U200
Unit	37 g bottle
Deliverydetails	No Dangerous Good /not restricted

Description

The AOC content is defined by the method employed for its determination as laid down in DIN 38414-18:2019. The certified value of BAM-U200 constitutes the summary mass fraction of halogenides as determined according to DIN 38414-18:2019

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Mass fractions total content	Calcium (Ca)	[7440-70-2]	13,2 ± 2,1	%		
Mass fractions total content	Iron (Fe)	[7439-89-6]	10 ± 1	%		
Mass fractions total content	Phosphorus (P)	[7723-14-0]	8,8 ± 1,3	%		
Mass fractions total content	Aluminium (Al)	[7429-90-5]	4,9 ± 0,4	%		
Mass fractions total content	Magnesium (Mg)	[7439-95-4]	1,51 ± 0,15	%		
Mass fractions total content	Potassium (K)	[7440-09-7]	1,06 ± 0,12	%		
Mass fractions total content	Sodium (Na)	[7440-23-5]	0,51 ± 0,1	%		
Mass fractions total content	Zinc (Zn)	[7440-66-6]	0,27 ± 0,016	%		
Mass fractions total content	Copper (Cu)	[7440-50-8]	0,131 ± 0,008	%		
Mass fractions total content	Lead (Pb)	[7439-92-1]	325 ± 26	mg/kg		
Mass fractions total content	Chromium (Cr)	[7440-47-3]	146 ± 12	mg/kg		
Mass fractions total content	Nickel (Ni)	[7440-02-0]	79 ± 9	mg/kg		
Mass fractions total content	Tin (Sn)	[7440-31-5]	63 ± 4	mg/kg		
Mass fractions total content	Arsenic (As)	[7440-38-2]	23,5 ± 2,1	mg/kg		

Mass fractions total content	Cadmium (Cd)	[7440-43-9]	3,6 ± 0,3	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Calcium (Ca)	[7440-70-2]	13,1 ± 2,1	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Iron (Fe)	[7439-89-6]	9,9 ± 0,9	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Phosphorus (P)	[7723-14-0]	7,9 ± 1,4	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Aluminium (Al)	[7429-90-5]	4,19 ± 0,28	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Magnesium (Mg)	[7439-95-4]	1,37 ± 0,1	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Potassium (K)	[7440-09-7]	0,79 ± 0,08	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Sodium (Na)	[7440-23-5]	0,32 ± 0,06	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Zinc (Zn)	[7440-66-6]	0,235 ± 0,018	%
Aqua regia extractable mass fractions according to DIN EN 16174:2012-11	Copper (Cu)	[7440-50-8]	0,114 ± 0,029	%

Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Lead (Pb)	[7439-92-1]	288 ± 38	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Chromium (Cr)	[7440-47-3]	113 ± 13	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Nickel (Ni)	[7440-02-0]	69 ± 7	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Tin (Sn)	[7440-31-5]	61 ± 5	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Arsenic (As)	[7440-38-2]	22,9 ± 1	mg/kg
Aqua regia extractable mass fractions according to DIN EN 16174:2012- 11	Cadmium (Cd)	[7440-43-9]	3,6 ± 0,4	mg/kg