

Electronic Scrap

Art. ID	BAM-M505a
Unit	200 g
Deliverydetails	No Dangerous Good /not restricted

Description

The reference material is a mixture of used printed circuit boards, ashed and melted with pyrite (FeS₂). After milling and grinding the material was sieved to a particle size below 150 µm and homogenised thoroughly. It is supplied in the form of powder (< 150 µm), packed in amber glass bottles containing 200 g.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Copper (Cu)	[7440-50-8]	16,76 ± 0,04	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,694 ± 0,006	%		
Certified Value	Silver (Ag)	[7440-22-4]	0,0633 ± 0,0009	%		
Certified Value	Lead (Pb)	[7439-92-1]	1,13 ± 0,05	%		
Certified Value	Chromium (Cr)	[7440-47-3]	0,98 ± 0,017	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,468 ± 0,015	%		
Certified Value	Gold (Au)	[7440-57-5]	52,4 ± 0,9	mg/kg		
Certified Value	Palladium (Pd)	[7440-05-3]	48 ± 0,8	mg/kg		
Certified Value	Platinum (Pt)	[7440-06-4]	5,7 ± 0,4	mg/kg		
Certified Value	Arsenic (As)	[7440-38-2]	372 ± 20	mg/kg		
Certified Value	Beryllium (Be)	[7440-41-7]	6,8 ± 0,9	mg/kg		
Certified Value	Cadmium (Cd)	[7440-43-9]	16,4 ± 0,7	mg/kg		
Informational Value	Indium (In)	[7440-74-6]	~43	mg/kg		
Informational Value	Mercury (Hg)	[7439-97-6]	~5	mg/kg		