

Zinc-tin-copper-lead Ore

Art. ID	CANMET-MP-1b
Unit	200 g
Deliverydetails	No Dangerous Good /not restricted

Description

CANMET-MP-1b is a zinc-tin-copper-lead ore from Mount Pleasant mine property, New Brunswick, Canada. The mineral species include: quartz (26.0%), sphalerite (23.7%), clinocllore (8.9%), chalcopyrite (7.2%), almandine (6.1%), arsenopyrite (4.3%), fluorite (3.8%), topaz (3.4%), galena (2.4%), cassiterite (2.3%), wolframite (2.2%), pyrite (2.1%), calcite (1.6%), pyrophyllite (1.5%), natrojarosite (1.4%), tennantite (0.9%), K-feldspar (0.7%), magnetite (0.4%), kaolinite (0.4%), loellingite (0.2%), lepidocrocite (0.2%), and bismuthinite, molybdenite, rutile, scorodite, stannite and zircon, all at 0.1%. MP-1b is suitable for the analysis of zinc, tin, copper, lead and various other elements at major, minor and trace levels in ores. Examples of intended use include quality control and method development.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Silver (Ag)	[7440-22-4]	47	µg/g		
	Arsenic (As)	[7440-38-2]	2,3	%		
	Bismuth (Bi)	[7440-69-9]	0,0954	%		
	Calcium (Ca)	[7440-70-2]	2,47	%		
	Cadmium (Cd)	[7440-43-9]	0,0527	%		
	Copper (Cu)	[7440-50-8]	3,069	%		
	Iron (Fe)	[7439-89-6]	8,19	%		
	Magnesium (Mg)	[7439-95-4]	0,024	%		
	Molybdenum (Mo)	[7439-98-7]	285	µg/g		
	Lead (Pb)	[7439-92-1]	2,091	%		
	Sulfur (S)	[7704-34-9]	13,79	%		
	Silicon (Si)	[7440-21-3]	16,79	%		
	Tin (Sn)	[7440-31-5]	1,61	%		
	Zinc (Zn)	[7440-66-6]	16,67	%		