

Iron Sulphide Concentrate and Tailings

Art. ID	CANMET-TPO-1
Unit	25 g
Deliverydetails	No Dangerous Good /not restricted

Description

CANMET-TPO-1 is a mixture of iron sulphide concentrate and tailings from the Clarabelle Mill that was originally prepared as a custom certified reference material for Inco Limited, Copper Cliff, Ontario, Canada in 1998. The raw material was dried at 60°C for 30 hours, crushed, sieved, and blended to obtain a minus 150 micron (100 mesh) product. The yield was 86%. The material comes in glass bottles containing 25-30g each. This is the only size available. Each bottle was sealed under nitrogen in a laminated aluminum foil-mylar pouch to prevent oxidation. TPO-1 is suitable for the analysis of elements at major, minor and trace levels. Examples of intended use are for quality control in the analysis of samples of a similar type, method development, arbitration and the calibration of equipment.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Cobalt (Co)	[7440-48-4]	0,021	%		
	Copper (Cu)	[7440-50-8]	0,118	%		
	Iron (Fe)	[7439-89-6]	34,85	%		
	Nickel (Ni)	[7440-02-0]	0,617	%		
	Sulfur (S)	[7704-34-9]	18,03	%		
	SiO ₂		25,52	%		