GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Pulp Lithium and Tantalum Reference Material

GTA-18

Certified Control Values

Method	Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
Fusion / ICP	Li	ppm	3192	113	60	+/- 30
	Fe	%	0.93	0.03	56	+/- 0.01
	Al	%	8.1	0.2	60	+/- 0.1
	Si	%	33.6	0.9	60	+/- 0.3
	Ti	%	0.02	0.00	60	+/- 0.01
	Mn	ppm	699	17	57	+/- 5
	S	%	0.01	0.01	32	+/- 0.01
	P	ppm	480	37	60	+/- 10
	Sn	ppm	48	4	49	+/- 2
	Ta	ppm	95	4	57	+/- 2
	Nb	ppm	77	4	55	+/- 1
	Pb	ppm	<50			
	Ca	%	0.5	0.1	60	+/- 0.1
	Mg	%	0.07	0.01	60	+/- 0.01
	K	%	2.5	0.1	60	+/- 0.1
	U	ppm	5	0	60	+/- 1
	Th	ppm	4.9	0.3	59	+/- 0.1
	Be	ppm	151	5	59	+/- 2
	Ce	ppm	9.8	0.7	59	+/- 0.2
	Bi	ppm	5	0	49	+/- 1
TGA	LOI1000	%	0.82	0.10	50	+/- 0.03

CRM Details

Geostats Pty Ltd A.C.N. 072 971 272 THE Common Seal Of

Control Statistic Details

Control values for this material were determined during a dedicated certification program.

Certification Date

This material was certified with the above values on the 7th September 2026.

Source Material

Prior to homogenisation and testing, this material was sourced from:
Pegamatite

Material Type

Pulp Lithium and Tantalum Ore, 10g samples.

Usage

This product is for use in the mining industry as reference materials for monitoring and testing the accuracy of laboratory assaying.

Preparation and Packaging

This reference material was dried in an oven for a minimum of 8 hours at 110C. The dry material is then pulverised in a bowl and puck mill and homogenised in a vee-blender. The material is then stored in a sealed, stable container ready for final packaging.

Materials are statistically sampled from stores, then packaged into heat sealed, air tight, plastic packets ready for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

Assay Testwork

This standard was tested in a dedicated certification program. 10 x 20g samples were sent to 6 laboratories for fusion / ICP and TGA analyses.

Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

Stability

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

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