

Certified Pulp Bauxite Reference Material - GBAP-11

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
SiO ₂	%	5.749	0.06	49	+/- 0.018
Al ₂ O ₃	%	52.401	0.098	46	+/- 0.03
CaO	%	0.0232	0.0094	50	+/- 0.0027
Fe ₂ O ₃	%	11.993	0.051	50	+/- 0.015
K ₂ O	%	0.013			
MgO	%	0.0278	0.0082	41	+/- 0.0026
Na ₂ O	%	0.0227	0.0077	37	+/- 0.0026
P ₂ O ₅	%	0.0274	0.0027	40	+/- 0.0009
SO ₃	%	0.0716	0.0044	50	+/- 0.0012
TiO ₂	%	3.874	0.022	49	+/- 0.006
MnO	%	0.011			
BaO	%	0.015			
ZrO ₂	%	0.0755	0.0088	47	+/- 0.0026
V ₂ O ₅	%	0.1079	0.0057	50	+/- 0.0016
Cr ₂ O ₃	%	0.0507	0.0027	50	+/- 0.0008
LOI1000	%	25.585	0.089	48	+/- 0.026

Control Statistic Details

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

Certification Date

This material was certified with the above values on: 1/12/2010

Source Material

Prior to homogenisation and testing, this material was sourced from Darling Range, Western Australia

Usage

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

Preparation and Packaging

This certified reference material was dried in an oven for a minimum of 8 hours at 105°C. The dry material was pulverised in a "puck and bowl" and then homogenised in a vee-blender. The material is then packaged into 10g plastic packets, ready for shipment.

Certification Testwork

This certified reference material was tested in a dedicated certification program. 10 samples were sent to 5 laboratories for XRF analyses. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.