

Blank silica pulp

AMIS0069

Certificate of Analysis

Major Element Indicated values

Al ₂ O ₃	0.42	%
CaO	0.02	%
Fe ₂ O ₃	0.04	%
K ₂ O	0.07	%

MgO	0.02
Na ₂ O	0.01
SiO ₂	98.25
TiO ₂	0.02

Minor Element Indicated values

Au	<0.002	ppm
Pt	<0.005	ppm
Pd	<0.005	ppm
Ag	<0.4	ppm
As	<0.7	ppm
B	11.5	ppm
Ba	9.6	ppm
Be	<0.1	ppm
Bi	<0.1	ppm
Cd	<0.5	ppm
Ce	5.9	ppm
Co	<5	ppm
Cr	<50	ppm
Cs	<0.1	ppm
Cu	<2	ppm

Dy	0.26	ppm
Er	0.16	ppm
Eu	<0.05	ppm
Ga	0.42	ppm
Gd	0.25	ppm
Ge	<20	ppm
Hf	0.4	ppm
Ho	0.05	ppm
In	<0.02	ppm
La	3.3	ppm
Li	0.5	ppm
Lu	0.02	ppm
Mn	28.5	ppm
Mo	<0.5	ppm
Nb	0.5	ppm

Nd	2.3	ppm
Ni	<4	ppm
P	<50	ppm
Pb	2.1	ppm
Pr	0.7	ppm
Rb	3.3	ppm
Re	<0.1	ppm
S	<50	ppm
Sb	<0.2	ppm
Sc	<1	ppm
Se	<5	ppm
Sm	0.4	ppm
Sn	<1	ppm
Sr	<2	ppm
Ta	<0.1	ppm

Tb	0.04	ppm
Te	<0.2	ppm
Th	1.2	ppm
Tl	<0.1	ppm
Tm	0.02	ppm
U	0.3	ppm
V	<5	ppm
W	<0.5	ppm
Y	1.4	ppm
Yb	0.2	ppm
Zn	4.9	ppm
Zr	16.9	ppm

Intended use: AMIS0069 is a fine blank material suitable to test assay laboratory quality control procedures. The material should be routinely inserted within batches of samples to test for contamination or sample mixing in the sample preparation or assay process.

Origin of material: This standard was made from coarse silica sand.

Appearance: The material comprises a fine white powder (Corstor 8N).

Method of preparation: The material was crushed, dry-milled and air-classified to 100% <54µm. It was then blended in a bi-conical mixer, systematically divided and then sealed into 1kg Laboratory Packs. Samples were randomly selected for homogeneity testing and third party analysis. Statistical analysis for the consensus test results were carried out by an independent statistician. Explorer Packs are subdivided from the Laboratory packs as required.

Methods of analysis:

The 33 QC samples were analysed by an independent commercial laboratory. Major elements were determined using sodium peroxide fusion followed by ICP. Minor elements were determined through ICP OES or ICP MS. Au, Pt and Pd were by firing a 40 gm (approx) portion of the sample followed by ICP OES.

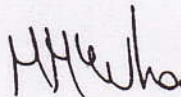
Certification: This material has been carefully prepared and tested but has not been submitted to a full inter-laboratory round robin.

Availability: This product is available in Laboratory Packs containing 1kg of material or in Explorer Packs containing client specified weights of material (from 50g up to 250g). Laboratory Packs are sealed bottles delivered in sealed foil pouches. Explorer Packs contain material in standard geochem envelopes placed into foil pouches that are nitrogen flushed and vacuum sealed.

Legal notice: This certificate and the blank chip material described in it have been prepared with due care and attention. However AMIS, Set Point Technology (Pty) Ltd, Dr Barry Smee and Mike McWha; accept no liability for any decisions or actions taken following the use of the material.

26 November, 2007

Certifying officers:



African Mineral Standards: _____

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Geochemist: _____

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