Certified Low Level Gold Reference Material Product Code

GLG319-2

Certified Control Values

Low Level Gold

Gold Grade 2.50 ppb
Standard Deviation 1.79 ppb
Confidence Interval +/- 0.41 ppb

CRM Details

Control Statistic Details
Control statistics were produced from results accumulated in the April-2018, April-2019 round robins. A total of 78 gold assays were used to certify this material.

Material Description
This material is described as a Pure silica.

Colour Designation (ISCC-NBS, SP440)
This material is white in colour.

Preparation and Packaging
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry material is then pulverised to better than 75 micron (nominal mean of 45 micron) using an air classifier. The material is then homogenised and stored in a sealed, stable container ready for final packaging.

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

Assay Testwork
All standards are assayed thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by multiple laboratories from around the world. Results are compiled into a comprehensive report detailing statistics for each standard. 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.