

Reference Material

Product Information Sheet



Manufacturers Details

KLEN International (74) Pty Ltd
36 Hemisphere Street
Neerabup, Western Australia, 6031

PO Box 529
Wanneroo WA 6946

Concentration of Analyte/s

Au	4.98 g/t (ppm)
RM Type Oxide	

Identifiers

Batch number : 82146
Lab ID (LIMS) : K082146
SKU : 21001081
Date of Manufacture : December 2021
Period of Certificate Validity : 48 months

Analyte Data Table

Analyte	Recommended Value g/t	Standard Deviation g/t
Gold	4.98	0.096

Notes related to information contained in the Analyte Data Table

Recommended Value – (RV) is the mean of accepted values from the participating laboratory.

Standard Deviation – the Standard Deviation is the standard deviation of the laboratory means provided by the participating ISO/IEC 17025 accredited round robin laboratories, excluding any outlying results.

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Metrological Compliance

Data generated by an ISO/IEC 17025 accredited laboratory was used in the calculation of recommended value/s.

Compliance with ISO Standards & Guides

KLEN manufacture all RM's and CRM's in accordance with the following ISO Standards & Guides;

- ISO 17034:2016 General requirements for the competence of reference material producers
- ISO Guide 31-2015 Reference materials - Contents of certificates labels and accompanying documentation
- ISO Guide 35-2006 Reference materials - General and statistical principles for certification

Laboratory Testing

Twenty samples of batch 82146 were taken in accordance with the sampling plan and placed in heat sealed foil sachets. Each sachet contained sufficient sample to allow duplicate assays to be performed. The samples were distributed to a single laboratory for analysis.

General Product Description

KLEN RM's are manufactured from blended raw materials to provide a suitable substrate for the analytes of interest. Substrates will vary to provide a background matrix as may be required or suited for particular applications. Starting materials are oven dried for a minimum of 24 hours to remove any moisture. Dried material is then milled and screened to ensure no oversize particles or product agglomerations are present.

Safety Data Sheet (SDS)

The SDS for the product is available on request.

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Recommended Storage Details

KLEN RM's and CRM's are provided in hermetically sealed jars or sachets. Unopened containers should be stored in a cool dry place. Once jars are opened, the contents can be protected by resealing the inner packaging using the bag clip provided, prior to securely replacing the lid on the container. After opening, jars should be stored in a cool dry place.

Assignment of Recommended Values

Batch 82146 was packed into 50 pails and samples were taken in accordance with a random sampling plan as developed by external statisticians. Twenty samples were then sent to a single ISO17025 accredited laboratory for analysis in duplicate. Samples were analysed for Gold using 50g Fire Assay with ICP finish.

Use of Recommended Values

The recommended value/s provided within this document are entirely reliant on the data returned from the participating testing laboratory. Determining the suitability of this product shall be the sole responsibility of the user and application of information contained within this document is at the sole discretion of the user. Through receipt and application of the information contained herein, the user indemnifies and releases both KLEN International (74) P/L and the Murdoch University from any claim arising from use, application, and any subsequent actions related to the certified data. No warranty either expressed or implied other than the fitness for sale to the above specification is made.

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