

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	0.998 g/t (ppm)
RM Type Sulphide	

Identifiers

Batch number : 85795
Lab ID (LIMS) : KO85795
SKU : 22001051
Date of Manufacture : August 2025

Analyte Data Table

Analyte	Recommended Value g/t	Standard Deviation g/t
Gold	0.998	0.035

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 mean provided by the participating ISO/IEC 17025 accredited round robin laboratory, excluding any outlying results.

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Metrological Compliance

The measurand for this reference material is grams per tonne and is directly traceable to the SI unit kilogram, as all testing including for the characterisation of the CRM is undertaken by ISO/IEC 17025 accredited laboratories.

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 33405: 2024 Reference Materials – Approaches for characterization and assessment of homogeneity and stability.

Laboratory Testing

Twenty samples of batch 85795 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 CRM'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 milled and screened to ensure no oversize particles or product agglomerations are present. Required analytes are treated in a similar fashion to ensure they match the particle size of the substrate and can be uniformly distributed throughout the batch.

Stability and Storage Handling and Use

KLEN RMs are provided in sachets, hermetically sealed jars or pails. Unopened containers should be stored in a cool dry place, and under these conditions, and on the basis of ongoing stability monitoring data, have a shelf life beyond ten years. The stability of KLEN RM is monitored at regular intervals, and purchasers are notified if any changes are observed, and re-certification is required. Sachets are designed for immediate use once opened. After opening, jars and pails should be kept tightly closed and stored in a cool dry place.

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Safety Data Sheet (SDS)

The SDS for the product is available on request.

Assignment of Recommended Values

Batch 85795 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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KLEN INTERNATIONAL (74) Pty Ltd

PO Box 529, Wanneroo WA 6946; 36 Hemisphere Street, Neerabup Western Australia 6031
T +61 8 9306 8900 **F** +61 8 9306 8922 **E** info@klen.com.au **W** www.klen.com.au
ABN 25 008 776 681

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