

KAOLINGROUP  
4/33 Maddox Street  
Alexandria NSW 2015

Lab. Reference: 2023-2172

Samples analysed as received

SAMPLE ORIGIN: Kaolin

DATE OF INVESTIGATION: 10/03/2023

DATE RECEIVED: 10/03/23

ANALYSIS REQUIRED: QTZ

**REPORT OF ANALYSIS OFFICIAL: Sensitive – Personal**

See attached sheet(s) for sample description and test results.

The results of this report have been approved by the signatory whose signature appears below.

For all administrative or account details please contact the Laboratory.

Increment and total pagination can be seen on the following pages.

  
Martin Mazereeuw  
Manager

Date: 5/04/23

### Report of Analysis for Alpha-Quartz in Bulk Samples

Requested by: Staun Rasmussen

Organisation: Kaolin Tiles

Date of Analysis: 29/3/2023

Reference number	Sample ID	$\alpha$ -Quartz (% w/w)
2023-2172-1	White	16 ± 1

Comments: The sample was ground and analysed.

Method Description : Direct Determination of Alpha Quartz in Bulk Samples by X-ray diffractometry.

Method No. : WCA.115

Limit of Quantitation: 1% w/w.

w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be crystalline quartz).

#### Measurement Uncertainty (MU)

The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the "ISO Guide to the Expression of Uncertainty in Measurement" and is a full estimate based on in-house method validation and quality control data.