

Lab. Reference: 2024-4052

Guangdong Zhirong New Material Technology Co., Ltd
Feng'en Industrial Zone,
Leping Town
Sanshui District

Samples analysed as received

SAMPLE ORIGIN: ZeroWhite Marbel 25212; Genesis 29111

DATE OF INVESTIGATION: Not stated

DATE RECEIVED: 26/08/24

ANALYSIS REQUIRED: Alpha Quartz/Cristobalite

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 Chemical Analysis Branch

Date: 5/02/25

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Vincent Li

Date of Analysis: 09/12/2024

Organisation: Foshan Zhirong New Materials Technology Co. Ltd

Reference number	Sample ID	α -Quartz (% w/w)	Cristobalite* (% w/w)
2024-4052-1	Top Zero White Marble	<LOR	<LOR
2024-4052-2	Top Zero Genesis	<LOR	<LOR

Comments: The sub-samples were prepared from the samples as shown in pages 3-4, then they were ground and analysed.

Method Description : Direct Determination of Crystalline silica in Bulk Samples by X-ray diffractometry. External standard method with infinite thickness. The method was validated by TestSafe and accredited by NATA (ISO 17025).

Method No. : WCA.115

*Cristobalite is currently outside of NATA scope.

LOR for α -Quartz and Cristobalite: 0.5% w/w.

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

The measured result and '±' are followed by MU. The MU at LOR is 0.3%w/w.

IMPORTANT INFORMATION

This TestSafe Australia report (including any extract of the report) must not be used as a certification, approval, endorsement or a statement of safety of the material tested, or of any activity or proposed activity of the Customer or any third party. Results are reported from the Limit of Reporting (LOR) stated. A non-detect or <LOR result does not mean that the material is silica-free, as trace amounts may be present. This report only relates to the particular Testable Item that is provided to TestSafe. Further information can be found in the TestSafe – General Terms and Conditions, which apply to the performance of Services undertaken by TestSafe. The Terms and Conditions can be accessed via the TestSafe website and/or via this link:

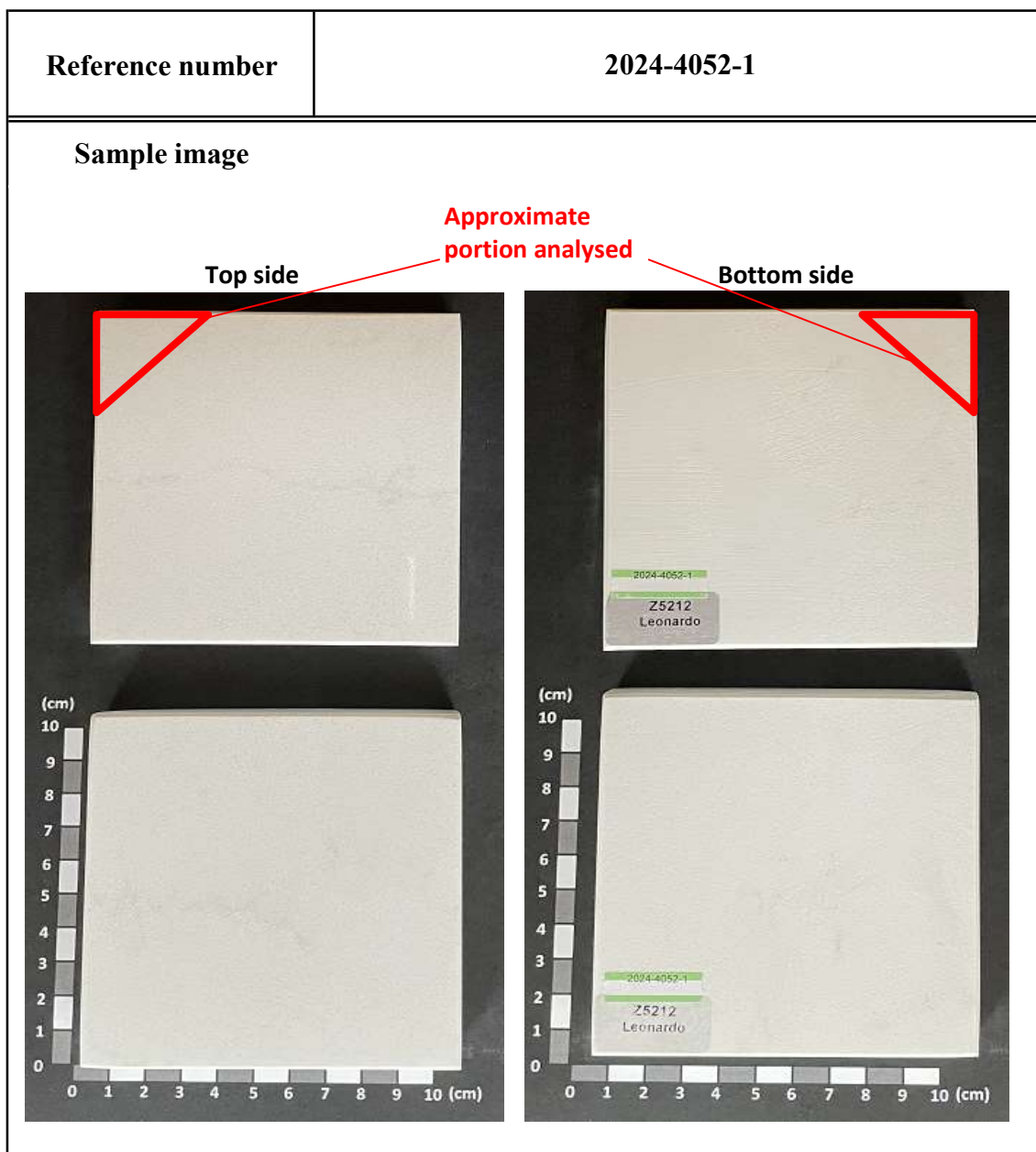
<https://www.nsw.gov.au/business-and-economy/testsafe/terms>

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Reference number	2024-4052-2
Sample image Top side  Bottom side 