



TEST REPORT

No. : GZMR231203842701

Date : Jan 05, 2024

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CUSTOMER NAME:

ADDRESS:

Sample Name : Glass stone

Product or Lot No. :

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : XMIN2312001700CM01

Date of Receipt : Dec 27, 2023

Testing Start Date : Dec 27, 2023

Testing End Date : Jan 05, 2024

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. Guangzhou Branch

Cathy Peng
Authorized signatory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Composition Analysis	FTIR, PGC-MS, EDX, XRD and TGA	See result	/

Note:

- Pass : Meet the requirements;
- Fail : Does not meet the requirements;
- / : Not Apply to the judgment.

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Test Item: Composition Analysis

Sample Description: Artificial Stone

Test Method:

Fourier Transform Infrared Spectrometer (FTIR)

Pyrolysis-Gas Chromatography Mass Spectrometry (PGC-MS)

Energy dispersive X-ray fluorescence spectrometer (EDX)

X-ray Powder Diffractometer (XRD)

Thermogravimetric Analyzer (TGA)

Test Result:

No.	Composition	Content, Wt%
1	Unsaturated polyester (UP)	14
2	Glass	86

Note:

1. Wt%- weight percent.
2. Quantitative data is for reference only.

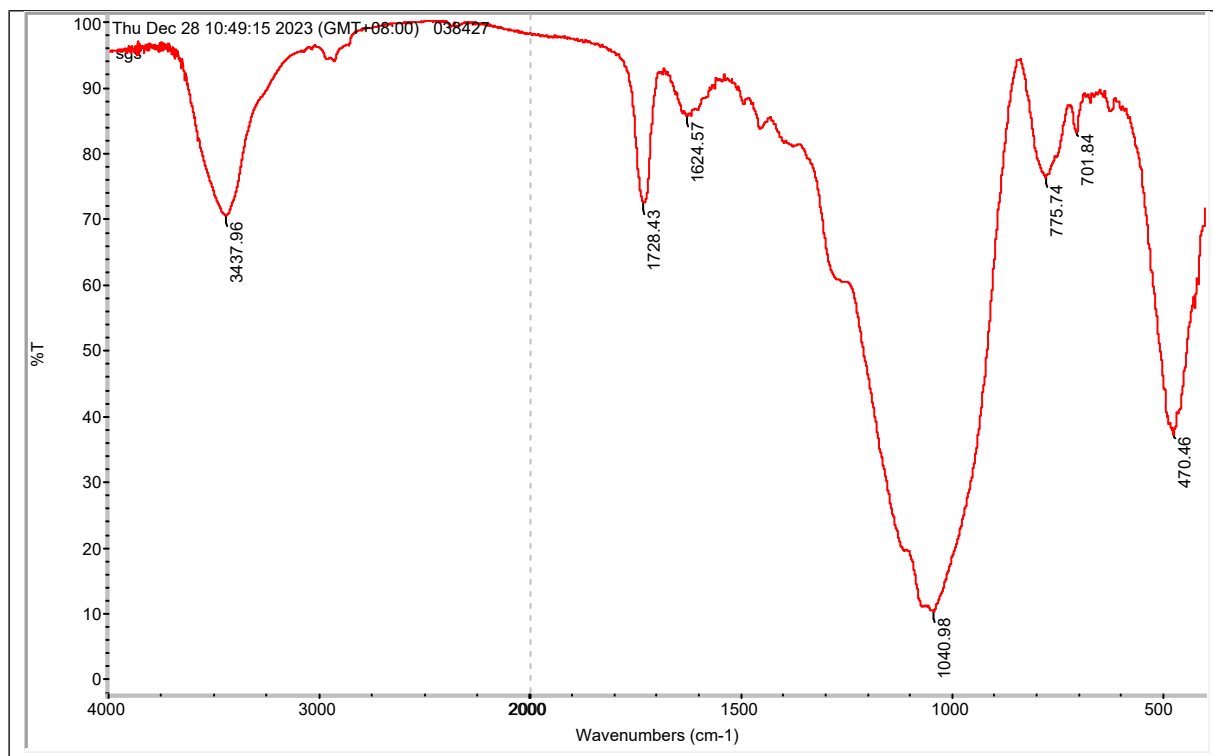
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Fig.1: FTIR spectrum of original sample



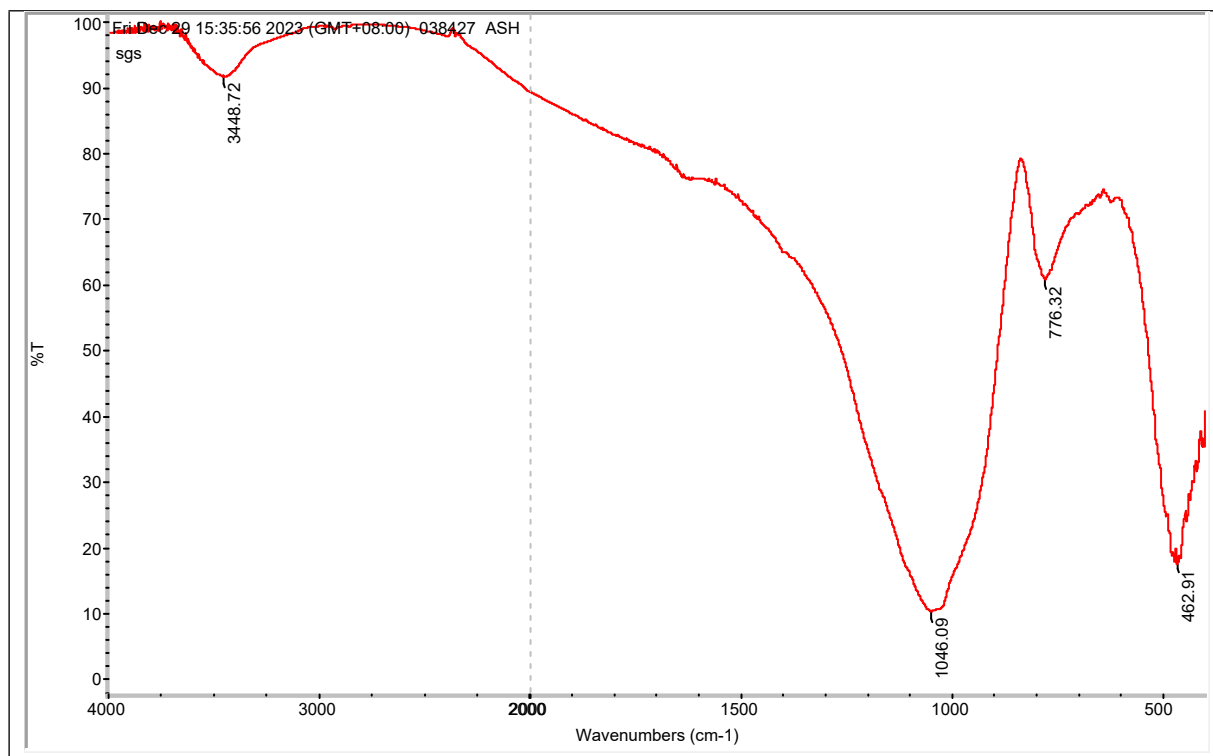
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Fig.2: FTIR spectrum of calcination residue



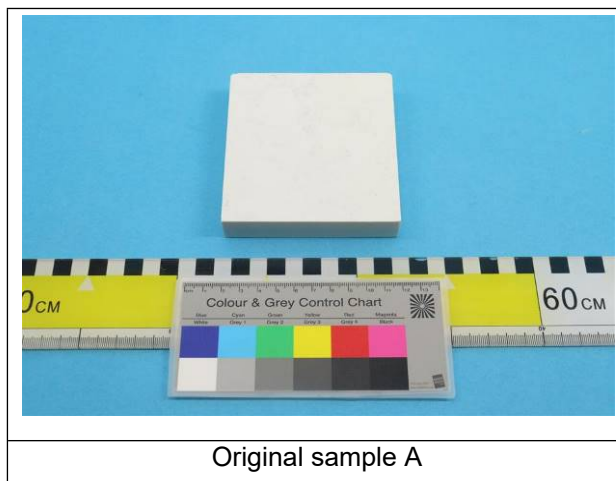
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Test Photo:



Original sample A

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
FTIR	Nicolet iS50	GZMR-PL-E216	2023-11-22	2024-11-21
PGC-MS	Shimadzu GCMS-QP2010	Chem-019-P	2023-02-10	2025-02-09
EDX	ARL QUANT'X	GZMR-PL-E306	2023-12-27	2024-12-26
XRD	Ultima 4	CHEM-105-B	2022-12-07	2024-12-06
TGA	Discovery TGA	GZMR-PL-E194	2023-12-14	2025-12-13

***** End of report*****