



TEST REPORT

No. : XMIN2408001442CM03_EN

Date : 2024-08-13

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CUSTOMER NAME: FUJIAN NANAN CITY LIFENG STONE CO.,LTD
ADDRESS: PANLONG DEVELOPING AREA SHUITOU NANAN FUJIAN CHINA
362342

Sample Name : SILICA-FREE MINERAL

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. : GZMR240802257003
Date of Receipt : 2024-08-02
Testing Period : 2024-08-02 ~ 2024-08-13
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. Xiamen Branch.

Bryan

Bryan Hong
Authorized signatory



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Summary of Results:

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



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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)

Thermogravimetric Analyzer (TGA)

X-ray Powder Diffractometer (XRD)

Test Result:

No.	Composition	Content, Wt%
1	Unsaturated Polyester (UP)	10
3	Glass	90

Note:

1. Wt%- weight percent.
2. Characteristic peak of quartz (crystalline silica) was not found.
3. Quantitative data is for reference only.



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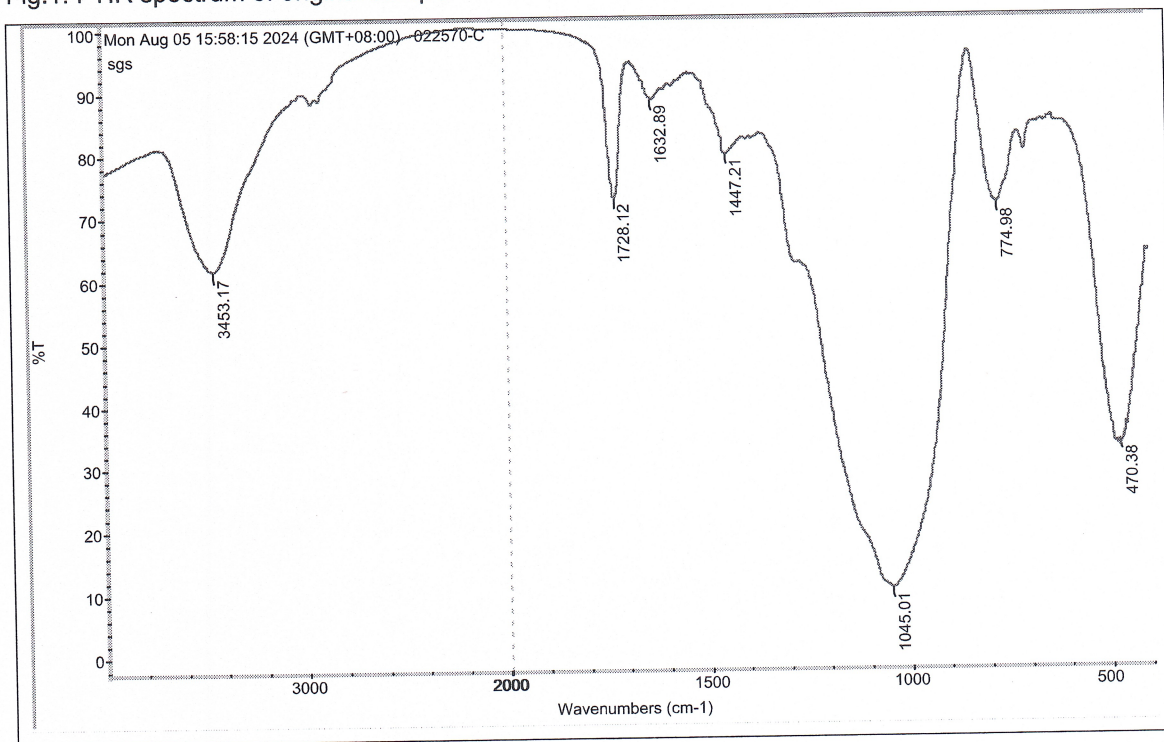
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Fig.1: FTIR spectrum of original sample



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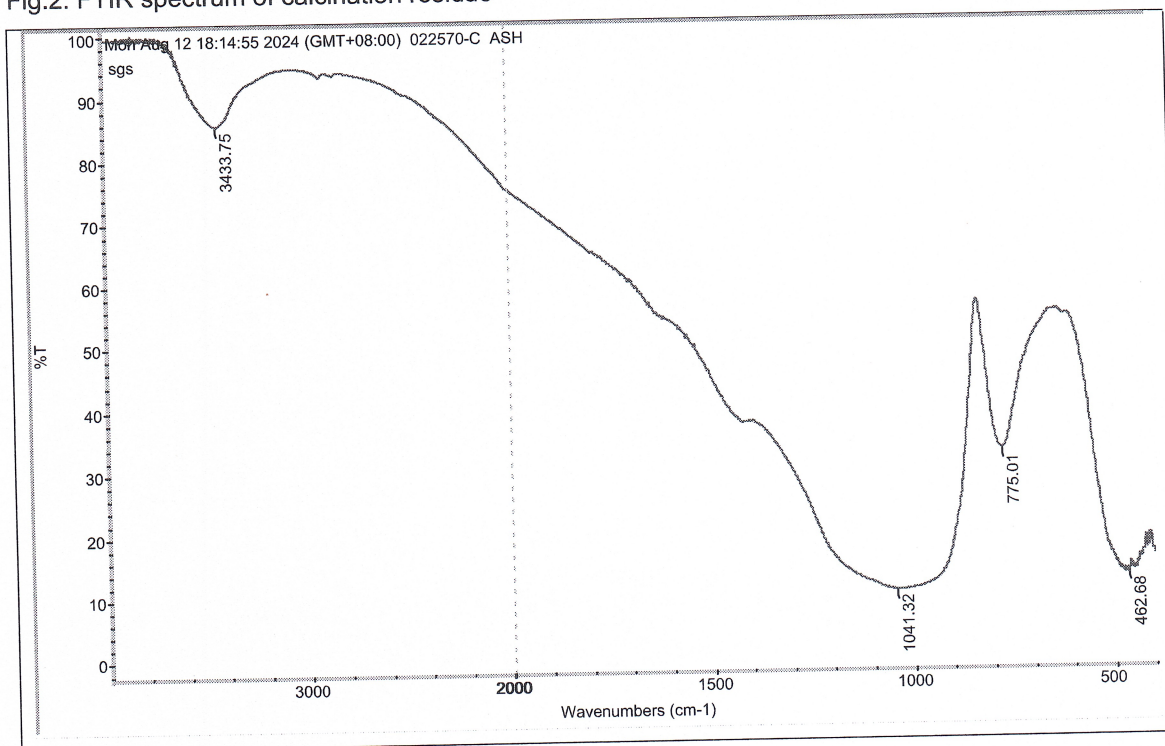
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Fig.2: FTIR spectrum of calcination residue



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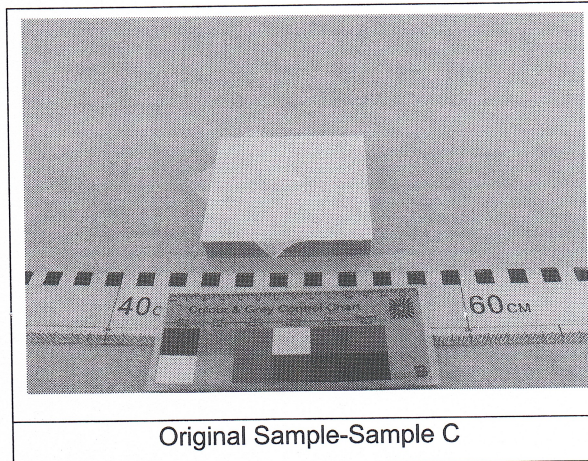
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Test Photo:



Note: The above test project/method was carried out by subcontractors.

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



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