



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

GZF22-004164-04

Date: 17 Mar 2022

Client Name: MORDERN STONE TECHNOLOGY CO., LTD.
Client Address: ROOM 804, 08F, GLORY INTERNATIONAL FINANCE CENTER, 25 RONGHE ROAD,
GUICHENG STREET, NANHAI DISTRICT, FOSHAN CITY

Sample Name: Inorganic artificial stone
Manufacturer: JINGZHOU MORDERN STONE TECHNOLOGY CO., LTD.
Sample Batch No.: /
Production Date: /
Sample other information: Product Specification: 2400mm*1600mm; Material and Mark: Quartz

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No. : GZIN2202001648CM
Date of Sample Received : 23 Feb 2022
Testing Period : 23 Feb 2022 - 07 Mar 2022
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Chinese shall prevail in this report.

Unless otherwise stated the results shown in this test report refer only to the items tested. This document cannot be used for improper publicity, without prior written approval of the SGS.



SGS Authorized Signature

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

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Test Report

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Date: 17 Mar 2022

Sample Description :

Specimen No.	SGS Sample ID	Description
1	GZF22-004164.001	Block sample

Test Result(s) :

Test Requested : Antibacterial Assessment for the submitted sample

Test Method : GB/T 21510:2008 Antimicrobial property detection methods for nano-inorganic materials, Appendix C: The test method of antibacterial activity for material (affixing film method)

GZF22-004164.001

Test organism(s) Candida Albicans ATCC 10231

	Repeat 1	Repeat 2	Repeat 3
Concentration of bacteria (cfu/mL)	1.1x10 ⁵	1.1x10 ⁵	1.1x10 ⁵
Control sample -0h (cfu/piece)	2.1x10 ⁴	2.1x10 ⁴	2.1x10 ⁴
Control sample -24h (cfu/piece)	1.3x10 ⁶	1.3x10 ⁶	1.3x10 ⁶
Sample - 24h (cfu/piece)	<2.0x10 ¹	<2.0x10 ¹	<2.0x10 ¹
Antibacterial rate (%)	>99.9	>99.9	>99.9
Average antibacterial rate (%)		>99.9	

Test organism(s) Escherichia coli ATCC 25922

	Repeat 1	Repeat 2	Repeat 3
Concentration of bacteria (cfu/mL)	1.3x10 ⁵	1.3x10 ⁵	1.3x10 ⁵
Control sample -0h (cfu/piece)	2.5x10 ⁴	2.5x10 ⁴	2.5x10 ⁴
Control sample -24h (cfu/piece)	1.5x10 ⁶	1.5x10 ⁶	1.5x10 ⁶
Sample - 24h (cfu/piece)	<2.0x10 ¹	<2.0x10 ¹	<2.0x10 ¹
Antibacterial rate (%)	>99.9	>99.9	>99.9
Average antibacterial rate (%)		>99.9	

Test organism(s) Staphylococcus aureus ATCC 6538

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Test Report

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Date: 17 Mar 2022

	Repeat 1	Repeat 2	Repeat 3
Concentration of bacteria (cfu/mL)	1.2x10 ⁵	1.2x10 ⁵	1.2x10 ⁵
Control sample -0h (cfu/piece)	2.3x10 ⁴	2.3x10 ⁴	2.3x10 ⁴
Control sample -24h (cfu/piece)	5.1x10 ⁶	5.0x10 ⁶	5.0x10 ⁶
Sample - 24h (cfu/piece)	<2.0x10 ¹	<2.0x10 ¹	<2.0x10 ¹
Antibacterial rate (%)	>99.9	>99.9	>99.9
Average antibacterial rate (%)		>99.9	

Notes :

The control sample is plastic film without antimicrobial activity, provided by SGS laboratory.

Sample photo:



SGS authenticate the photo on original report only

*** End ***

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