







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

JINGZHOU MORDERN STONE TECHNOLOGY CO., LTD. Manufacturer:

Sample Batch No.: **Production Date:**

Product Specification: 2400mm*1600mm; Material and Mark: Quartz Sample other information:

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

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Test Report GZF22-004164-04 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)	<2.0×10^1	<2.0×10^1	<2.0×10^1	
Antibacterial rate (%)	>99.9	>99.9	>99.9	2 及右
Average antibacterial rate (%)		>99.9		们 <i>代侧</i>
Test organism(s) Escherichia co	li ATCC 25922			
	Repeat 1	Repeat 2	Repeat 3	验检测 tion & Tes
Concentration of bacteria (cfu/mL)	1.3x10^5	1.3x10^5	1.3x10^5	<i>Achnical</i> Ser
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)	<2.0×10^1	<2.0×10^1	<2.0×10^1	
Antibacterial rate (%)	>99.9	>99.9	>99.9	
Average antibacterial rate (%)		>99.9		

Test organism(s) Stap

Staphylococcus aureus ATCC 6538

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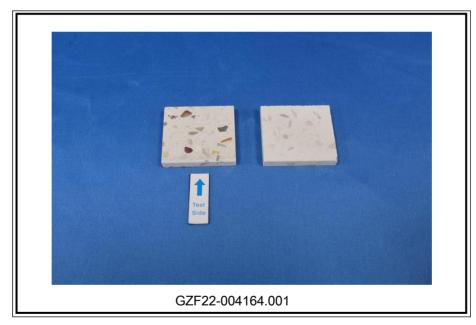


Test Report	GZF22-004164-04 Repeat 1	Date: 17 Mar 2022	
		Repeat 2	Repeat 3
Concentration of bacteria (cfu/mL)	1.2x10^5	1.2x10^5	1.2x10^5
Control sample -0h (cfu/piece)	2.3x10^4	2.3x10^4	2.3x10^4
Control sample –24h (cfu/piece)	5.1x10^6	5.0x10^6	5.0x10^6
Sample - 24h (cfu/piece)	<2.0×10^1	<2.0×10^1	<2.0×10^1
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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