TEST REPORT

No. : GZIN2509003897PL12-1_EN
Date : 2025-11-25

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GZIN2509003897PL12-1
Verification:
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CUSTOMER NAME:		GUANGDONG FORTUNE STONE NEW MATERIAL CO.,LTD
ADDRESS:		LUO YANG JIE DAO LI CUN XIAO DENG LONG DA XIANG XIN WU YANG GOU GROUP, BOLUO COUNTY, HUIZHOU CITY,GUANGDONG PROVINCE, CHINA
Sample Name	:	Flexible Stone
Buyer	:	Micro Sine Electric Sl

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.

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Date of Receipt	:	2025-09-29
Testing Period	:	2025-09-29 ~ 2025-10-29
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.

Quincey Lee
Authorized signatory

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TEST REPORT

No. : GZIN2509003897PL12-1_EN

Date : 2025-11-25

Sample Description:

Sample No.	SGS Sample ID	Description
1	QDF25-0086207-0001	sample in bag

Test Result(s):

Test Requested: Selected test(s) as requested by applicant

Test Method: Refer to ISO 21702:2019 Measurement of antiviral activity on plastics and other non-porous surfaces

QDF25-0086207-0001

Test virus strain Virus strain and host cell Influenza A virus H1N1 ATCC-VR-1469, MDCK cell ATCC-CCL-34

	Sample 1	Sample 2	Sample 3	Average
The concentration of the virus inoculum suspension ($TCID_{50}$/mL)	2.70×10^{7}			
Logarithm of infectivity titre value recovered from the untreated test specimens immediately after inoculation ($lgTCID_{50}$/ cm^2)	5.42	5.55	5.42	5.46
Logarithm of infectivity titre value recovered from the untreated test specimens after 24h ($lgTCID_{50}$/ cm^2)	4.05	4.17	4.30	4.17
Logarithm of infectivity titre value recovered from the treated test specimens after 24h ($lgTCID_{50}$/ cm^2)	1.17	0.92	1.05	1.05
Infectivity titre value recovered from the untreated test specimens immediately after inoculation ($TCID_{50}$/ cm^2)	2.63×10^{5}	3.55×10^{5}	2.63×10^{5}	2.94×10^{5}
Infectivity titre value recovered from the untreated test specimens after 24h ($TCID_{50}$/ cm^2)	1.12×10^{4}	1.48×10^{4}	2.00×10^{4}	1.53×10^{4}
Infectivity titre value recovered from the treated test specimens after 24h ($TCID_{50}$/ cm^2)	1.48×10^{1}	8.32×10^{0}	1.12×10^{1}	1.14×10^{1}
R:Antiviral activity value	3.12			
Antiviral activity rate(%)*	99.93			

Notes:

1.The method to determine the infectious titre: $TCID_{50}$ method.

2.Untreated test specimen: Polyethylene plastic film provided by SGS lab.

3.Size, shape and thickness of untreated test specimen:50 mm x 50 mm, square, <1mm

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch (Guangzhou Testing Center of Materials Laboratory)

检验检测专用章 Inspection & Testing Services

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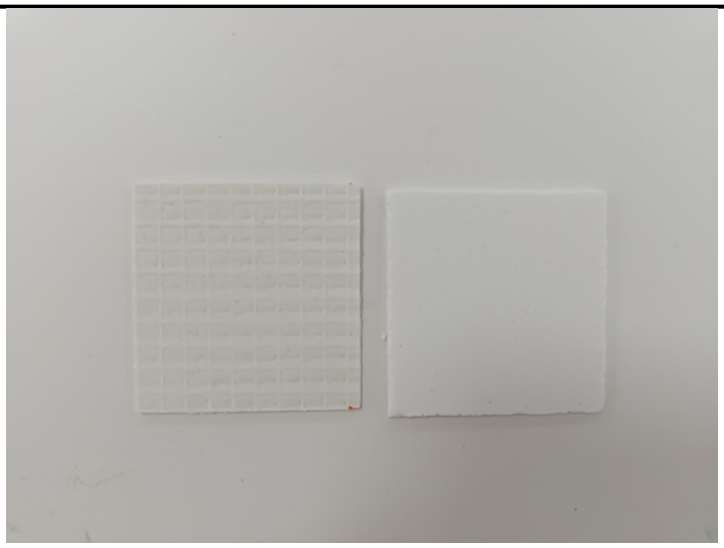
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4.Size, shape and thickness of treated test specimens: 50 mm x 50 mm, square, 2mm
5.Size, shape and thickness of the cover film: 40 mm x 40 mm, square, <1mm
6.Sterilization of antiviral fabric specimen: UV irradiation for 30min
7.The volume of test virus inoculum used:0.4mL
8.Contact time of the inoculated specimens:24h
9. * Antiviral activity rate(%) calculate formulation :【（B-C）/B】x 100
B: Average infectivity titre value recovered from the untreated test specimens after 24h ($TCID_{50}$/ cm^2)
C: Average infectivity titre value recovered from the treated test specimens after 24h ($TCID_{50}$/ cm^2)
10.Test the specified surface.

*Test project/method was carried out by Other laboratory in SGS group.

Sample Photo:



QDF25-0086207-0001

This test report updates Home page information, supersedes the test report No. GZIN2509003897PL12 dated 2025-10-29, original report will be invalid from today.

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc… and just for internal reference.

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

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