



Test Report

No. VNHL2305011046HG

Date: May 24, 2023

Page 1 of 3

The following sample(s) was/were submitted and identified by the client as:

SGS Job No. : VNHL2305011046HG
Sample Description : SPC FLOORING
Color : SA308
Characteristic : PVC, STONE POWDER, ADDITIVES
Country of Origin :
Manufacturer :
Buyer :

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Sample Receiving Date : MAY 08, 2023
Final Confirmed Date : MAY 08, 2023
Testing Period : MAY 08, 2023 TO MAY 24, 2023
Test Requested : PLEASE REFER TO RESULTS SUMMARY
Test Results : PLEASE REFER TO NEXT PAGE(S).
Result Summary

Test Requested	Conclusion
<i>E.coli</i> ATCC 8739 - Test inoculum	See Results
Antibacterial activity (R) - <i>E.coli</i> ATCC 8739	See Results
<i>Staphylococcus aureus</i> ATCC 6538P - Test inoculum	See Results
Antibacterial activity (R) - <i>Staphylococcus aureus</i> ATCC 6538P	See Results

Signed for and on behalf of
SGS Vietnam LTD



Ung Thanh Van
Hardline SBU Manager

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Page 2 of 3

Test Result(s):

Sample Description:

No.	Component	Material	Color
1	SPC FLOORING	PVC, STONE POWDER	SA308

Analyte	Method	Result	LOD	LOQ	Unit
<i>E.coli</i> ATCC 8739 - Test inoculum	ISO 22196:2011	8.2x10 ⁵	--	--	cfu/mL
Antibacterial activity (R) - <i>E.coli</i> ATCC 8739	ISO 22196:2011	1.02	--	--	--
<i>Staphylococcus aureus</i> ATCC 6538P - Test inoculum	ISO 22196:2011	4.8x10 ⁵	--	--	cfu/mL
Antibacterial activity (R) - <i>Staphylococcus aureus</i> ATCC 6538P	ISO 22196:2011	0.68	--	--	--

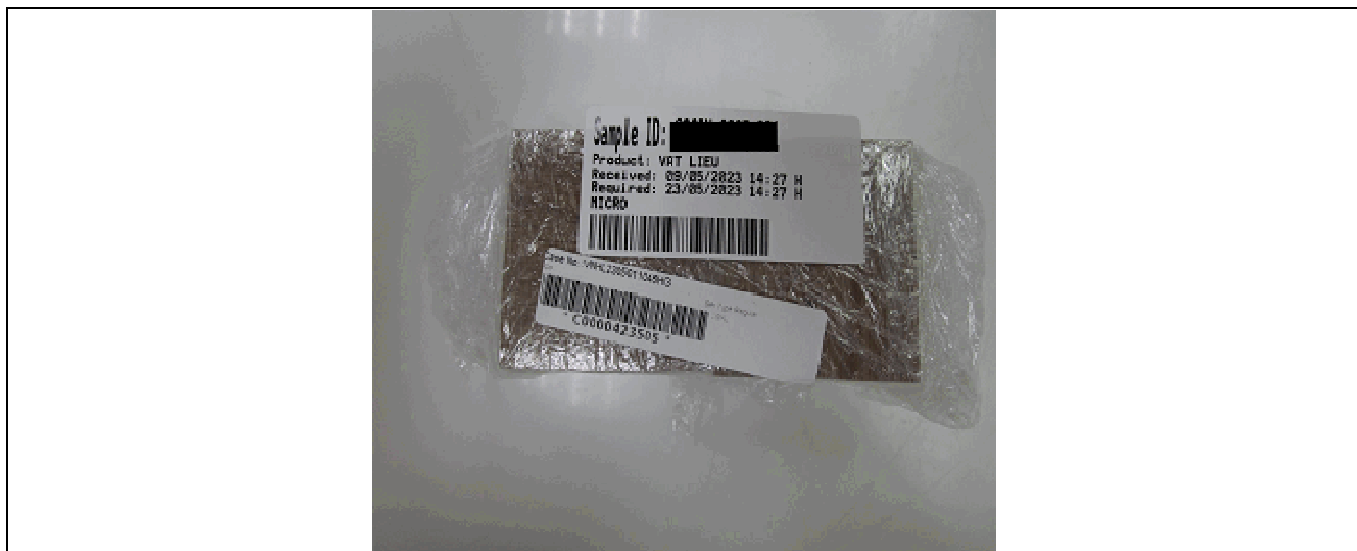
- Note:
1. LOD = Limit of Detection. LOD is referred to the estimated Level of Detection at 50% of probability of detection (eLOD50) when applied to the qualitative microbiological analytes, Probability of Detection (POD) when applied to qualitative chemical analytes, or Probability of Identification (POI) when applied to identification analytes. The result of the analyte with the concentration below or equal to LOD is reported as Not Detected.
 2. LOQ = Limit of Quantification. When the chemical analyte is detected but its concentration is below limit of quantitation (LOQ), the result is reported as <LOQ. If the quantifiable result was calculated from sum of individual analytes, it was done using unrounded single values without the ones below LOQ. For microbiological analytes, according to the plate count testing method with the initial dilution factor of 10, the result of the sample that the relevant colonies were not formed was reported as <10 cfu/g or Not Detected (at LOQ = 10) to meet some specific regulations (for samples without further dilution), <100 cfu/g (for samples with further dilution of 10), <1 cfu/mL (for pipettable samples without dilution), <10 cfu/sample (or <10 cfu/swab for hygiene environment samples that are required to report on whole tested samples), or <10 cfu/area (for hygiene environment samples that are required to report on specific area); according to the membrane filter method without further dilution, the result of the sample that the relevant colonies were not formed was reported as <1 cfu per sample volume tested or Not Detected per sample volume tested (at LOQ = 1) to meet some specific regulations.
_(a) Refer to LOD/LOQ of the individual analytes that were used to calculate the sum item.
 3. The tests were performed on brown surface only.

Remark: These tests were performed by SGS Vietnam's Food lab.

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PHOTO OF SUBMITTED SAMPLE FOR TESTING

REPORT RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

***** End of Report *****

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