



PRODUCT PERFORMANCE TESTING LABORATORY

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March 14, 2021

Ceramica San Lorenzo – Lamosa
Attn: Jimmy Muñoz
Av. Industrial S/N San Pedro – Lurin Plantal
Lima, Peru – Lima 16

Dear Mr. Muñoz,

Tile Council of North America has tested the samples you submitted. Test report TCNA-0925-20 Influenza A virus (H1N1) is enclosed. If you have any questions or concerns, please contact us.

Best Regards,

TILE COUNCIL OF NORTH AMERICA, INC.

Dr. Jyothi Rangineni
Research Scientist
Enclosures



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TEST REQUESTED BY: Ceramica San Lorenzo – Lamosa
Av. Industrial S/N San Pedro – Lurin Plantal
Lima, Peru – Lima 16

TEST SUBJECT MATERIAL: Identified by client as: “**MADERA TRATADA**”

TEST DATE: 2/1/2021 - 3/14/2021

TEST PROCEDURE:

ISO 21702:2019 Measurement of antiviral activity on plastics and other non-porous surfaces. Test method was modified to test with viruses – Influenza A virus (H1N1)

TEST CONDITIONS:

Test sample size: 50 mm x 50 mm
Sterilization of samples: UV sterilization for 15 minutes
Test viruses and cell lines:

Virus	Cell line
Influenza A virus (H1N1) (ATCC® VR-1469)	MDCK (NBL-2) (ATCC CCL-34)

Volume of test suspension applied on test sample: 0.4 mL
Infectivity titer of virus: 10^6 TCID₅₀/mL
Environmental conditions for contact time: Temperature at 25°C ± 1
RH ≥ 90%



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Test Results: Results of testing performed on **MADERA TRATADA** with Human Coronavirus 229E

Sample	Virus	Cell line	Infectivity titer TCID50/mL	Contact time	Percentage Reduction (%)*
Sample 1	Influenza A virus (H1N1)	MDCK	TCID 10 ⁶ /mL	24 hr	99.9%
Sample 2					99.9%
Sample 3					99.9%

*Percentage reduction calculated per infectivity titer recovered from the glass samples after 24 hours of contact time with virus



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DISCLAIMER AND LIMITATION OF LIABILITY

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3/14/2021

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