

TEST REPORT

n° 1606G/25 16/06/2026

CLIENT	Graniti Fiandre S.p.A. Via Radici Nord 112, 42014 Castellarano (RE)
TEST MATERIAL¹ <i>Sampling carried out by the customer</i>	432/07 - Piastrella ceramica 50x50x8mm Non-porous surfaces Untreated test: borosilicate glass ² Treated test: 60X120 SQ.URB.WHITE 8MM ACT (IASX126295X8)
COVER FILM	Polyethylene 40x40x0,065mm
BACTERIAL STRAIN	Escherichia Coli ATCC 8739 ³
INOCULUM	<i>Preliminary cleaned by wiping with 70% ethanol.</i> 0,4ml – 4,8 x 10 ⁵ ufc/ml (Escherichia Coli)
SAMPLE RECEIVED DATE	26/05/2026
SAMPLE TESTED DATE	26/05/2026 – 29/05/2026

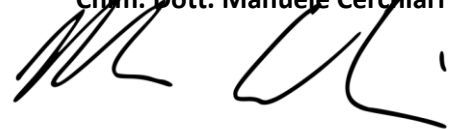
The results refer exclusively to the samples examined, as received by the laboratory. Unless otherwise agreed or required by law, samples are discarded at the end of the analyses. This document may not be reproduced except in its entirety, unless approved in writing by the laboratory.

TEST RESULTS

Antimicrobial activity - ISO 22196:2011	
U₀ <i>The average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens immediately after inoculation</i>	3.92
U_t <i>The average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens after 24 h</i>	6.63
A_t <i>The average of the common logarithm of the number of viable bacteria, in cells/cm², recovered from the treated test specimens after 24 h</i>	1.65
R <i>(U_t - A_t) = antibacterial activity (Log reduction)</i>	4.98
R% <i>Antibacterial activity (Percent reduction)</i>	99.999%

Laboratory Director

Chim. Dott. Manuele Cerchiari


¹ Data provided by the customer² As requested by the customer³ As requested by the customer