

Report No. BA/2013/40614A-01

Date : 2013/05/03

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THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED AND IDENTIFIED BY THE CLIENT AS :

Product Name: Nanophotocatalyst(glass)
Application : JM MATERIAL TECHNOLOGY INC.
Item No./Lot. No.: JM-TTA01
Sample Received : 2013/04/18
Testing Date : 2013/04/19
Test Method JIS Z2803

TEST BACTERIA : <i>Escherichia coli</i> ATCC 8739			
Test Group	CFU/cm ²	LOG	Antibacterial activity (R)
A	1.9 x 10 ⁴	4.3	> 5.6
B	2.3 x 10 ⁵	5.4	
C	< 0.63	-0.2	

TEST BACTERIA : <i>Staphylococcus aureus</i> ATCC 6538			
Test Group	CFU/cm ²	LOG	Antibacterial activity (R)
A	2.4 x 10 ⁴	4.4	2.7
B	2.1 x 10 ⁵	5.3	
C	3.6 x 10 ²	2.6	

NOTE:

1. A : Untreated test piece at "0" hr, bacteria counts should be at 6.2*10³ to 2.5*10⁴ CFU/cm²
2. B : Untreated test piece at "24" hrs
3. C : Antibacterial test piece at "24" hrs
4. Antibacterial activity (R)= (log(24hr/B*)) ; R shall be > 2 for Antibacterial effectiveness.
5. If "Untreated test piece" can't be prepared, "Blank" may be used.
6. The report is in vain if it is partly reproduced or used.

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Weber Lin
Weber Lin, M.R./Manager
Signed for and on behalf of
SGS Taiwan Ltd.

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