

CERAMIC PRO

TAG



Ceramic Pro Tag is an anti-mold and anti-bacterial purification system designed to kill bad smell when used on any water-absorbing surface. When applied to an area exposed to UV-rays, organic substances such as microbes and bacteria will be decomposed.

PRODUCT INFORMATION

CATEGORY: Purification System

FEATURES: Anti-mold
Anti-bacterial
Photocatalytic purification
Silver particles for additional protection

USAGE AREAS: Interior
Textiles
Water-absorbent surfaces
Public places
Hospitals

INDUSTRIES: Automotive
Marine
Home
Heavy
Aviation

BOTTLE SIZES: 300 ml

SPECS:
Appearance: Transparent, colorless
Base: Water based
Air cure: 1-2 hours at 25°C (dry surface)
3-5 days at 25°C (full surface)

ANTIMICROBIAL EFFECTIVENESS TESTING

ORGANISM	2 HOUR CONTACT	12 HOUR CONTACT
Staphylococcus Aureus	75.20%	>99.9%
Escherichia Coli	>99.9%	>99.9%
Salmonella Enterica	99.8%	>99.9%
Pseudomonas Aeruginosa	>99.9%	>99.9%

TEST RESULTS

Ceramic Pro Tag has been exposed to SGS testings. SGS is the world's largest and leading inspection, verification, testing and certification company trusted by millions.

Heavy metal test

Result: None

Toxicity test (SVHC)

Result: No toxic substances



Test Report

REPORT NO: UG/2014/50371

Date : 2014/06/11

頁數 : 1 of 3



Nanoshine LTD

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

Sample Name: Ceramic PRO TAG

Applicant : Nanoshine LTD

Date of Sample Received : 2014/05/29

Date of Testing : 2014/05/30

Test Requested: Antimicrobial Effectiveness Testing.

Test Method : With reference to U.S. Pharmacopeia 34 NF29 Microbiological Tests / <51>
Antimicrobial Effectiveness Testing

Test Results : -Please refer to next page(s)-

Signed for and on behalf of
SGS Taiwan Ltd.

Shin-Jyh Chen

Shin-Jyh Chen

Manager



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Test Report

REPORT NO: UG/2014/50371

Date : 2014/06/11

頁數 : 2 of 3



Nanoshine LTD

Test Results

<u>Organism</u>	<u>Original inoculum (CFU/mL)</u>	<u>Contact time</u>	<u>Counts of the sample at contact time (CFU/mL)</u>	<u>Log reductions (R)</u>
<i>Staphylococcus aureus</i>	6.10×10^5	2 hr	1.52×10^5	75.20%
<i>Escherichia coli</i>	9.25×10^5	2 hr	1.06×10^2	>99.9%
<i>Salmonella enterica</i>	5.75×10^5	2 hr	9.95×10^2	99.8%
<i>Pseudomonas aeruginosa</i>	2.70×10^5	2 hr	<1	>99.9%
<i>Candida albicans</i>	1.12×10^5	2 hr	6.60×10^4	41.1%
<i>Aspergillus brasiliensis</i>	1.60×10^5	2 hr	1.50×10^5	6.25%

NOTE :

1.Organism No.:

Staphylococcus aureus BCRC 10451 ; ATCC 6538P

Escherichia coli BCRC 11634 ; ATCC 8739

Salmonella enterica BCRC 12947 ; ATCC 13311

Pseudomonas aeruginosa BCRC 11633 ; ATCC 9027

Candida albicans BCRC 21538 ; ATCC10231

Aspergillus brasiliensis BCRC 30506 ; ATCC 16404

2. Log reductions(<1%) represents no significant effect of Bacteriostasis/Fungistasis.

3.The report will be in vain if it is used separately.

Test Report

REPORT NO: UG/2014/50371

Date : 2014/06/11

頁數 : 3 of 3



Nanoshine LTD

Sample Photo:



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Test Report

REPORT NO: UG/2014/70317A-01

Date : 2014/08/21

頁數 : 1 of 3



Nanoshine LTD.

No.163, Guangming Rd., Beitou Dist., Taipei City 112, Taiwan (R.O.C.)

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

Sample Name: Ceramic PRO TAG

Applicant : Nanoshine LTD.

Date of Sample Received : 2014/07/30

Date of Testing : 2014/07/31

Test Requested: Antimicrobial Effectiveness Testing.

Test Method : With reference to U.S. Pharmacopeia 34 NF29 Microbiological Tests / <51>
Antimicrobial Effectiveness Testing

Test Results : -Please refer to next page(s)-

Signed for and on behalf of
SGS Taiwan Ltd.

Shin Jyh Chen
Shin-Jyh Chen

Manager



Test Report

REPORT NO: UG/2014/70317A-01

Date : 2014/08/21

頁數 : 2 of 3



Nanoshine LTD.

No.163, Guangming Rd., Beitou Dist., Taipei City 112, Taiwan (R.O.C.)

Test Results

<u>Organism</u>	<u>Original inoculum (CFU/mL)</u>	<u>Contact time</u>	<u>Counts of the sample at contact time (CFU/mL)</u>	<u>Log reductions (R)</u>
<i>Escherichia coli</i>	4.75 × 10 ⁵	12 hrs	<1	>99.9%
<i>Staphylococcus aureus</i>	2.50 × 10 ⁵	12 hrs	2.00	>99.9%
<i>Pseudomonas aeruginosa</i>	2.55 × 10 ⁵	12 hrs	<1	>99.9%
<i>Salmonella enterica subsp.</i>	7.95 × 10 ⁵	12 hrs	<1	>99.9%

NOTE :

1.Organism No.:

Escherichia coli BCRC 11634 ; ATCC 8739

Staphylococcus aureus BCRC 10451 ; ATCC 6538P

Pseudomonas aeruginosa BCRC 11633 ; ATCC 9027

Salmonella enterica subsp. BCRC 12947; ATCC 13311

2. Log reductions(<1%)<1% represents no significant effect of Bacteriostasis/Fungistasis.

3.The report will be in vain if it is used separately.

- END -

Test Report

REPORT NO: UG/2014/70317A-01

Date : 2014/08/21

頁數 : 3 of 3



Nanoshine LTD.

No.163, Guangming Rd., Beitou Dist., Taipei City 112, Taiwan (R.O.C.)

Sample Photo:

UG/2014/70317



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