

Test Report

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No.: HC20030151

Applicant (Code:01325162): Hong Kong Silver Ion Research Center

Unit D 2/F Goldfield Industrial Building Phase 1

144-150 Tai Lin Pai Road Kwai Chung NT HK

Description of Sample(s) : One submitted sample said to be Silver Master Silver Ion Powder

(Cosmetic Grade)銀宗師銀離子粉劑(化妝品級).

Country of Origin: HK

Sample(s) Received Condition(s): In plastic container under

ambient temperature

Date Sample(s) Received : 2020-03-04

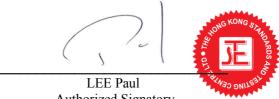
Date Tested : 2020-03-05 to 2020-03-08

Investigation Requested : Antimicrobial Effectiveness against

- Escherichia coli 大腸桿菌 (ATCC 25922)

- Staphylococcus aureus 金黃色葡萄球菌 (ATCC 6538)

Method(s) Used : ASTM E2149-13a



Authorized Signatory
Chemical and Food Department
For and on behalf of

The Hong Kong Standards and Testing Centre Ltd.

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Test Result(s):

	Silver Master Silver Ion Powder (Cosmetic Grade) 銀宗師銀離子粉劑 (化妝品級) Escherichia coli 大腸桿菌 (ATCC 25922)
Only inoculated bacteria in the bottle "0" Contact bacterial concentration (CFU/ml)	260,000
CFU per milliliter for the "inoculum only" flask after contact for 24h (CFU/ml)	230,000
CFU per milliliter for the flask containing the treated substrate after contact for 24h (CFU/ml)	<1
Bacterial lessen rate	>99.99%

	Silver Master Silver Ion Powder (Cosmetic Grade) 銀宗師銀離子粉劑 (化妝品級) Staphylococcus aureus 金黃色葡萄球菌 (ATCC 6538)
Only inoculated bacteria in the bottle "0" Contact bacterial concentration (CFU/ml)	250,000
CFU per milliliter for the "inoculum only" flask after contact for 24h (CFU/ml)	230,000
CFU per milliliter for the flask containing the treated substrate after contact for 24h (CFU/ml)	<1
Bacterial lessen rate	>99.99%

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