



## Test Report

Date : 2020-03-11  
No. : HC20030151

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**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



LEE Paul  
Authorized Signatory  
Chemical and Food Department  
For and on behalf of  
The Hong Kong Standards and Testing Centre Ltd.

In the event of any discrepancy between the English and Chinese versions of the text mentioned before, the English version shall prevail to the extent of such discrepancy only.

The Hong Kong Standards and Testing Centre Limited 香港標準及檢定中心有限公司  
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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)
	<i>Escherichia coli</i> 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
<b>Bacterial lessen rate</b>	>99.99%

	Silver Master Silver Ion Powder ( Cosmetic Grade ) 銀宗師銀離子粉劑 (化妝品級)
	<i>Staphylococcus aureus</i> 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
<b>Bacterial lessen rate</b>	>99.99%

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

The Hong Kong Standards and Testing Centre Limited 香港標準及檢定中心有限公司  
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