



## Test Report

Date : 2020-03-11  
No. : HC20030150

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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 Colloidal Silver Liquid Spray ( Pharmaceutical Grade ) 銀宗師膠性銀離子水劑噴霧 (醫藥級).  
Country of Origin : HK

Sample(s) Received Condition(s): In plastic bottle 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 8739)  
- *Staphylococcus aureus* 金黃色葡萄球菌 (ATCC 6538)



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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### Method(s) Used:

ASTM E2315-2016 (contact time : 24 hours)

### Test Result(s):

Antimicrobial Effectiveness against

Test Trial	Silver Master Colloidal Silver Liquid Spray ( Pharmaceutical Grade ) 銀宗師膠性銀離子水劑噴霧 (醫藥級)	
	<i>Escherichia coli</i> 大腸桿菌 (ATCC 25922)	<i>Staphylococcus aureus</i> 金黃色葡萄球菌 (ATCC 6538)
Average of controls (CFU/ml)	18,250,000	15,600,000
Average of samples (CFU/ml)	11,350	18,775
<b>Bacteria Reduction Rate</b>	99.94%	99.88%

Notes: - CFU/ml denotes Colony Forming Unit per milliliter

- Bacteria Reduction Rate =  $\frac{\text{Average of controls} - \text{Average of samples}}{\text{Average of controls}} \times 100$

\*\*\*\*\* 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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