

SkinShield 24™

Human Coronaviruses Test Report

ISO 18184: 2019(E) effectively and continuously kill 99.9% of human coronaviruses.



广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测结果

ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2021FM0046SR01

实验病毒及宿主	实验序号	对照样接种孵育 0h 后病毒滴度	对照样接种孵育 4h 后病毒滴度	试样接种孵育 4h 后病毒滴度
人冠状病毒 (HCoV-229E) 宿主名称: Vero 细胞	1	6.87	6.20	3.87
	2	6.87	6.30	3.80
	3	6.97	6.30	3.97
平均病毒滴度的对数值 lgTCID ₅₀ /瓶		6.90	6.27	3.88
抗病毒活性值			3.02	
抗病毒活性率 (%)			99.90	

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SkinShield 24™

Water resistant protection Test Report

**A water resistant protection that continuously kills
(99.9% kill Candida, Escherichia coli, Pseudomonas aeruginosa, Staphylococcus aureu)**



STC Test Report

Date : 2009-09-14
No. : HC242073

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Description of Sample(s) : One submitted sample said to be HandShield 24 Residual Antimicrobial Moisturizing Hand Protector (Trade Name)

Sample Receiving Condition: In original package under ambient temperature

Date Sample(s) Received : 2009-09-04

Date Tested : 2009-09-08 to 2009-09-14

Investigation Requested : Antimicrobial Effectiveness against
- *Escherichia coli* 大腸桿菌 (ATCC 25422)
- *Pseudomonas aeruginosa* 銅綠假單胞菌 (ATCC 9027)
- *Staphylococcus aureus* 金黃色葡萄球菌 (ATCC 6538)

Conclusion(s) : From the test results, the submitted sample — HandShield 24 Residual Antimicrobial Moisturizing Hand Protector (sprayed on glass slide, air-dried and let stand at room temperature for 24 hours) was able to eliminate 99.99% of the inoculated *Escherichia coli*, *Pseudomonas aeruginosa* and *Staphylococcus aureus* within 5 minutes.

根據測試結果，提供之樣品 — HandShield 24 Residual Antimicrobial Moisturizing Hand Protector (噴於玻璃片上，風乾，在室溫下存放 24 小時) 能於五分鐘內殺除百分之九十九點九九接種的大腸桿菌、銅綠假單胞菌及金黃色葡萄球菌。

CHUAH Ah Poh, Anne
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.

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

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SkinShield 24™

Dermatology Test Report

Dermatology test suitable for human skin use as “very good”.


dermatest®
Medical Research Company

Dermatest® GmbH, Postfach 2165, D - 48008 Münster

date: Münster, 23.07.2010

CERTIFICATE
for the Cosmetic-Product
HandShield 24 (trade name)
Dermatological test on humans in 2010

The dermatological test performed by us
on your product under the control of dermatological specialists was passed
for this product with the rating of
“very good”.

This product did not lead to toxic- irritative intolerance reactions in patch
testing carried out in accordance with international guidelines. The
preparation can therefore be declared as dermatologically tested.


Dr. med. Gerrit Schlippe
Investigating specialist
for dermatology and venerology.
Allergology



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Amtsgericht Münster HRB 1348

Münsterländische Bank Thie & Co.
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SkinShield 24™

H1N1 Reduction Test Report

EN14476:2007-02 proved 99.9% Kill H1N1 virus in 1 minute.

24小時長效潔手消毒抗菌膜



SkinShield 24 was formerly named as handShield 24

HandShield 24 Hand Protector (Trade Name)
H1N1 Summary

Proven efficacy against the Influenza A virus H1N1 Swine Ref: Against EN14476:2007-02 and reported January 2010 by MikroLab GmbH

Trials on HandShield 24 residual antimicrobial hand protector recently undertaken and completed in Germany against the Influenza A virus H1N1 Swine for virus inactivation have proven successful.

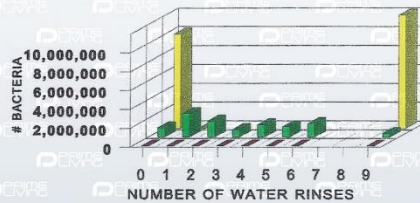
Successful screen tests completed in December 09 have been followed by a comprehensive quantitative suspension assay using an H1N1 Swine strain obtained in Germany prepared by MikroLab. This was tested following the EN 14476:2007-02 standard test protocol for chemical disinfectants and antiseptics – virucidal quantitative suspension methodology.

These trials undertaken by Dr Jochen Steinmann MD of MikroLab GmbH, a world recognized ZLG accredited German laboratory in applied microbiology, have demonstrated this revolutionary anti-microbial's ability to reduce populations of the Influenza A virus H1N1 Swine by a log reduction factor of >4.63 when exposed for 60 seconds at the commercially supplied concentration. This corresponded to an inactivation of >99.99%, and was achieved by engaging refined technique allowing all criteria for verification of the methodology to be fulfilled.

This serves to strongly strengthen and support HandShield 24's growing reputation as an innovative antimicrobial approach, key in the protection of primary infection and prevention of cross contamination in the world's food & medical arenas. Unlike other antimicrobials, HandShield 24 can remain active on hands for up to 24hrs providing longer term ongoing protection against a wide range of bacteria, viruses & fungi for world travellers, industry employees and domestic populations alike, whatever the situation.

TESTING PERFORMED BY: SOUTHERN TESTING & RESEARCH LABORATORIES
3809 Airport Drive, Wilson, NC 27896

SKIN SUBSTANTIVENESS TEST



Legend:
■ UNTREATED
■ TREATED: # at 0 min.
■ TREATED: # after 30 min.