



## Test Report

Date : 2019-04-29  
No. : HC19030332

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**Applicant(Code:08305326)** : Chiaphua Industries Limited  
Unit A 2/F Chiaphua Industries Building  
Nos 8-10 Siu Lek Yuen Road  
Sha Tin New Territories Hong Kong

**Description of Sample(s)** : One submitted sample said to be Disinfectant (Thyme); 消毒液(百里香).  
Other Name: Thyme Disinfection Spray ;  
Disinfection Deodorizer ;  
GERMAGIC Thyme;  
殺菌除臭劑 ;  
百里香消毒噴劑 ;  
百里香消毒噴霧劑 ;  
GERMAGIC 消毒液(百里香);  
GERMAGIC Disinfection Spray (Thyme) 消毒噴劑(百里香)  
Product Code: GMThyme ; 1/128THYME  
Brands: GERMAGIC, 菌魔力, 霾菌滅

Sample(s) Received Condition(s): In intact original package under ambient temperature

**Date Sample(s) Received** : 2019-03-12

**Date Tested** : 2019-03-15 to 2019-04-04

**Investigation Requested** : Refer to the next page.

**Conclusion(s)** : From the test results, the submitted sample was able to eliminate >99.99% of the inoculated *Aspergillus niger*, *Bacillus cereus*, *Candida albicans*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Trichophyton rubrum* and *Vibrio vulnificus* within 10 minutes. 根據殺菌效能的測試結果，所提供之樣本能在 10 分鐘內消除大於百分之九十九點九九接種的黑曲霉，蠟樣芽孢桿菌，白色念珠菌，李斯特菌，銅綠假單胞菌，紅色毛癬菌及創傷弧菌。

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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### Investigation Requested:

Antimicrobial Effectiveness Test against :

- *Aspergillus niger* 黑曲霉
- *Bacillus cereus* 蠟樣芽孢桿菌
- *Candida albicans* 白色念珠菌
- *Listeria monocytogenes* 李斯特菌
- *Pseudomonas aeruginosa* 銅綠假單胞菌
- *Trichophyton rubrum* 紅色毛癬菌
- *Vibrio vulnificus* 創傷弧菌

### Method(s) Used:

ASTM E2315-2003 (contact time : 10 mins)

### Test Result(s):

Sample : Disinfectant (Thyme) ; 消毒液(百里香)

#### Antimicrobial Effectiveness Test

Test Trial (s)	<i>Aspergillus niger</i> 黑曲霉 (ATCC 16404)	<i>Bacillus cereus</i> 蠟樣芽孢桿菌 (ATCC 11778)
Average of controls (CFU/ml)	150,000	4,150,000
Average of samples (CFU/ml)	<1	<1
<b>Microbial Reduction Rate</b>	>99.99%	>99.99%

Test Trial (s)	<i>Candida albicans</i> 白色念珠菌 (ATCC 10231)	<i>Listeria monocytogenes</i> 李斯特菌 (ATCC 7644)
Average of controls (CFU/ml)	1,045,000	3,975,000
Average of samples (CFU/ml)	<1	<1
<b>Microbial Reduction Rate</b>	>99.99%	>99.99%

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Test Trial (s)	<i>Pseudomonas aeruginosa</i> 銅綠假單胞菌 (ATCC 9027)	<i>Trichophyton rubrum</i> 紅色毛癬菌 (ATCC MYA-4438)
Average of controls (CFU/ml)	4,150,000	245,000
Average of samples (CFU/ml)	<1	<1
<b>Microbial Reduction Rate</b>	>99.99%	>99.99%

Test Trial (s)	<i>Vibrio vulnificus</i> 創傷弧菌 (ATCC 27562)
Average of controls (CFU/ml)	6,150,000
Average of samples (CFU/ml)	<1
<b>Microbial Reduction Rate</b>	>99.99%

Notes: - > denotes more than  
- CFU/ml denotes Colony Forming Unit per millilitre

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**Photo(s):**



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

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