



ATTESTATION REPORT

Date: 2019-09-11

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No.: T01607-6

Applicant : Chiaphua Industries Ltd.
Unit A, 2/F, Chiaphua Industries Building, Nos 8-10 Siu Lek
Yuen Road, Sha Tin, New Territories, Hong Kong

Description of Sample(s) : Product name in English: THYME DISINFECTION SPRAY
Product name in Chinese: 百里香消毒噴劑
Model no.: GMTHYME; 1/128THYME
Brand name: GERMAGIC; 菌魔力, 霉菌滅
Quantity submitted: 4 bottles

Date Sample(s) Received : 2019-03-18

Date Testing : 2019-03-18 to 2019-06-28

Investigation Requested : 消毒劑對其他表面消毒現場鑒定試驗.

Conclusions : Referring to Test Summary.

Remark(s) : Report content referring to SCTR No.:2019SP1434R01a.



Lee Mei Yu, Amy
Certification Officer
For and on behalf of
The Hong Kong Certification Centre Ltd



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Test Summary

1. 消毒劑對其他表面消毒現場鑒定試驗

一. 器材

1. 試驗樣品 : Disinfection (Thyme) 消毒劑 (百里香)
2. 試驗菌株 : 自然菌 Natural bacteria,
菌株來源: 使用現場隨機取物體表面 (桌面, 台面, 門等).
3. 主要儀器與編號 : 生化培養箱 QSP-B-I001 及 QSP-B-I002.

二. 方法

1. 檢測方法 : 依據<消毒技術規範> (衛生部 2002 年版) 第二部分 – 2.1.2.10 消毒劑對其他表面消毒現場鑒定試驗測試方法, 試驗樣品原液, 作用時間 2min, 試驗 30 個樣本.
2. 檢測條件 : 溫度:24°C, 濕度:62%.

三. 結果

試驗菌株	試驗組別	試驗組平均菌落數 (cfu/樣本)	對照組平均菌落 數 (cfu/樣本)	殺滅率 (%)	殺滅對數值 (KL)
自然菌 Natural bacteria	1	<5	6.0×10^2	>2.08	>99.17
	2	<5	3.7×10^2	>1.87	>98.65
	3	<5	4.4×10^2	>1.94	>98.86
	4	<5	5.0×10^2	>2.00	>99.00
	5	<5	6.5×10^2	>2.11	>99.23
	6	<5	3.8×10^2	>1.88	>98.68
	7	<5	3.0×10^2	>1.78	>98.33
	8	<5	4.5×10^2	>1.95	>98.89
	9	<5	3.7×10^2	>1.87	>98.65
	10	<5	5.0×10^2	>2.00	>99.00
	11	5	2.8×10^2	1.75	98.21
	12	<5	4.1×10^2	>1.91	>98.78
	13	<5	4.7×10^2	>1.97	>98.94
	14	<5	6.0×10^2	>2.08	>99.17
	15	<5	6.0×10^2	>2.08	>99.17
	16	<5	4.1×10^2	>1.91	>98.78
	17	<5	4.7×10^2	>1.97	>98.94
	18	<5	5.5×10^2	>2.04	>99.09



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19	<5	3.5×10^2	>1.85	>98.57
20	<5	4.2×10^2	>1.92	>98.81
21	<5	5.5×10^2	>2.04	>98.09
22	<5	4.7×10^2	>1.97	>98.94
23	<5	3.0×10^2	>1.78	>98.33
24	<5	3.7×10^2	>1.87	>98.65
25	<5	4.4×10^2	>1.94	>98.86
26	<5	4.7×10^2	>1.97	>98.94
27	<5	6.0×10^2	>2.08	>99.17
28	<5	6.0×10^2	>2.08	>99.17
29	10	4.7×10^2	1.67	97.87
30	<5	4.0×10^2	>1.90	>98.75
平均值			1.94	98.82

四. **結論**

送樣樣品原液，作用時間 2min，其對使用現場隨機物品表面自然菌的殺滅對數值 1.94，達到<消毒技術規範> (衛生部 2002 年版) – 2.1.2.10 的評價規定(殺滅對數值 ≥ 1)，該樣品對所測物品表面自然菌消毒合格。



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Product Photo



***** **END OF REPORT** *****

Certification of Translation

Ectranslator Translations Services, a translation company in China, is competent to translate from Simplified Chinese into English, and certify that the translation of "On-Site Identification Test of Disinfection of Other Surfaces by the Disinfectant - GERMAGIC DISINFECTANT SPRAY" is true and accurate to the best of our abilities.



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Applicant : Chiaphua Industries Ltd.
Unit A, 2/F, Chiaphua Industries Building, Nos 8-10 Siu Lek Yuen Road, Sha Tin, New Territories, Hong Kong

Description of sample(s) : Product name in English: THYME DISINFECTANT SPRAY
Product name in Chinese: 百里香消毒噴劑
Model no.: GMTHYME; 1/128THYME
Brand name: GERMAGIC; 菌魔力, 霾菌滅
Quantity submitted: 4 bottles

Date Sample(s) received : March 18, 2019

Date Testing : Mar 18, 2019 to Jun 28, 2019

Investigation requested : On-site identification test of disinfection of other surfaces by the disinfectant.

Conclusion : Refer to Test Summary.

Remark(s) : Report content refers to SCTR No.: 2019SP1434R01a

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Test Summary**1. On-site Identification Test of Disinfection on Other Surfaces by the Disinfectant.****I. Equipments**

1. Test sample : Disinfectant (Thyme) 消毒劑 (百里香)
2. Test strain : Natural bacteria
Source of strain: Randomly selected object surfaces (desktop, tabletop, door, etc.).
3. Main instruments : Biochemical incubator QSP-B-I001 and QSP-B-I002.
and Models:

II. Methods:

1. Testing method: : According to *Technical Standards for Disinfection* (Ministry of Health, 2002 edition) Part II -2.1.2.10 *Disinfectants*, on-site disinfection identification test on other surfaces by the disinfectant was conducted. Test sample: Stock solution of the test sample, Application time: 2 min, 30 samples were tested.
2. Test conditions : Temperature: 24°C, Relative humidity: 62%.

III. Results:

Test strain	Test group	Average colony count in test group (cfu/sample)	Average colony count in control group (cfu/sample)	Killing rate (%)	Kill log rates (KL)
自然菌 Natural bacteria	1	<5	6.0x10 ²	>2.08	>99.17
	2	<5	3.7x10 ²	>1.87	>98.65
	3	<5	4.4x10 ²	>1.94	>98.86
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29	10	4.7×10^2	1.67	97.87
30	<5	4.0×10^2	>1.90	>98.75
Mean			1.94	98.82

IV. Conclusions:

After applying the sample stock solution for 2min, its killing log rate for natural bacteria on surfaces of randomly selected objects on-site is 1.94, meeting the evaluation regulation of *Technical Standards for Disinfection* (Ministry of Health, 2002 Edition) - 2.1.2.10 (killing log rate ≥ 1). The sample is qualified for disinfection of natural bacteria on the surface of the tested objects.



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