

Date: 05th Jan. 2021

Ref.: 28/MIC-CH/2021



To: مؤسسة تداءي للتجهيزات الطبية
Amman-Jordan

Certificate of Analysis

One sample of MicroSure disinfectant Sample was tested for its efficacy on different type of Microorganisms. Sample data is as follow:

Item	Lab reference ID	Expiry date
MicroSure	354/11-2020	03.01.2025

Date sample received 29.11.2020, Date sample start testing 08.12.2020 (D0)
D10 = 17.12.2020, D20=29.12.2020

-Sample was tested against the following Microorganisms stock solution:

Microorganism	Reference strain No	Concentration of Inoculum
Staphylococcus Aureus	ATCC® 6538	6.9 x 10 ⁵
Pseudomonas Aeruginosa	ATCC® 9027	1.0 x 10 ⁷
Aspergillus Braisiliensis	NCPF 2275	4.2 x 10 ⁵
Escherichia Coli	ATCC® 8739	3.1 x 10 ⁷
Candida Albicans	ATCC® 10231	3.0 x 10 ⁵

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من قبل الزبون، العينات لا
تمثل الا نفسها
يتحمل الزبون مسؤولية
توفير عينات ممثلة

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الشهادة
بالكامل الا بعد الحصول
على موافقة المختبر المصدر
للشهادة. شهادات
المختبر الصادرة بدون
توقيع وختم
رسمي غير مقبول

Item	Pseudomonas Aeruginosa (CFU/swab) (USP<61>))	Aspergillus Braisiliensis ¹ (CFU/swab) (USP<61>))	E.Coli (CFU/swab) (USP<61>))	Staphylococ- us (CFU/swab) (USP<61>))	Candida Albicans ¹ CFU/swab (USP<61>))
Microsure after 24 Hrs	< 10	< 10	< 10	< 10	< 10
Microsure on D10	< 10	< 10	< 10	10	< 10
Microsure on D20(0.1 ml of microbiological broth where added on the top of sprayed slides	< 10	< 10	< 10	10	< 10

The Sample(s) was/
were Provided by
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responsibility to
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Test Method

For Phase II, clean condition were created by adding 1ml of microorganism broth directly to a clean glass slides (one slide per day were prepared separately), all slides were left to dry . One slide was swabbed to get the control level for slides. Then the glass slides was spread with microsure spray and left to dry. The slide was swabbed 24hrs after spraying the microsure. Then after 10 days the slides was swabbed again.



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On Day 20, 0.1 ml of microbiological broth where added to the slides sprayed with microsure. The new broth left to dray and then it was swabbed.

Impression

The surface sanitizer found to be effective to reduce microbial loads after 20 days, 10 days and after 24hrs , when applied directly without dilution on the surface as per manufacturer instructions:

Item/ Log reduction	Pseudomonas Aeruginosa (CFU/swab) (USP<61>))	Aspergillus Braisiliensis ¹ (CFU/swab) (USP<61>)	E.Coli (CFU/swab) (USP<61>)	Staphylococcus (CFU/swab) (USP<61>)	Candida Albicans ¹ (CFU/swab) (USP<61>)
Microsure after 24 Hrs	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>5 log reduction (Calculated based on levels detected on control slides)
Microsure on D10	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>5 log reduction (Calculated based on levels detected on control slides)
Microsure on D20	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>7 log reduction (Calculated based on levels detected on control slides)	> 5 log reduction (Calculated based on levels detected on control slides)	>5 log reduction (Calculated based on levels detected on control slides)

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*Test report was reviewed to correct typo in error in dates

Director in Charge
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