Environmental laboratory

Microbiological & Chemical Analaysis

مختبر البيئة للفحوصات الجرثومية والكيماوية

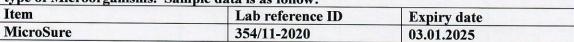
Date: 05th Jan. 2021 Ref.: 28/MIC-CH/2021

نظام الاعتماد الأردني Accreditation Unit TEST - 085

مؤسسة تداوى للتجهيزات الطبية: To: Amman-Jordan

Certificate of Analysis

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



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 النبون، العبنات ٧

تم تسيلم العينات

لا يسمح باعادة اصدار الشهادة بالكامل الا بعد الحصول على موافقةالمختبر المصدر للشهادة. شهادات المختبر الصادرة بدون توقيع و ختم رسمي غير مقبول

Item	Pseudomonas Aeruginosa (CFU/swab) (USP<61>))	Aspergillus Braisiliensis ¹ (CFU/swab) (USP<61>)	E.Coli (CFU/swab) (USP<61>)	Staphylococc us (CFU/swab) (USP<61>)	Candida Albicans ¹ CFU/swab (USP<61>)	were Provided by the customer, each sample represents itself. It is the customer
Microsure after 24 Hrs	< 10	< 10	< 10	< 10	< 10	responsibility to provide representative
Microsure on D10	< 10	< 10	< 10	10	< 10	sample(s).
Microsure on D20(0.1 ml of microbiological broth where added on the top of sprayed slides	< 10	< 10	< 10	10	< 10	This certificate may not be reproduced other than in full, expect with the permission of the Environmental laboratory management.

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 hrs after spraying the microsure. Then after 10 days the slides was swabbed again.

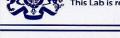
HPE External Quality assurance provider

This Lab is registered to participate the HPE standard scheme for food / water microbiology

جبل الحسين - هاتف ٥٦٨٣٠١٦ - ص ب ٩٣٠٢٥٢ عمان ١١١٩٣ الاردن - موبايل ٥٦٢٩٤٦٤ -٧٧٠٥٥٠٥٧/٠٧٠ Jabal Al-Hussein, Tel.: 5683012 p.o.Box 930252 Amman 11193 Jordan - Mob: 079/5629464 - 077/7055057

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signature and seal are not valid.



TR 5.10.2.1 Ver 5.0

Microbiological & Chemical Analaysis

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	Pseudomona s Aeruginosa (CFU/swab) (USP<61>))	Aspergillus Braisiliensis (CFU/swab) (USP<61>)	E.Coli (CFU/swab) (USP<61>)	Staphylococc us (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)

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

Director in Charge

Khawla Maosud

Environmental Laborator

Microbiological & Chemical Analysis

Amman - Jordan Tel. 5683012





تم تسيلم العينات من قبل الزبون، العينات لا

. تمثل الا نفسها يتحمل الزبون مسؤولية توفير عينات ممثلة

لا يسمح باعادة اصدار الشهادة بالكامل الابعد الحصول على موافقةالمختبر المص للشهادة. شهادات المختبر الصادرة بدون توقيع و ختم

The Sample(s) was/ were Provided by the customer, each sample represents itself. It is the customer responsibility to provide representative sample(s).

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