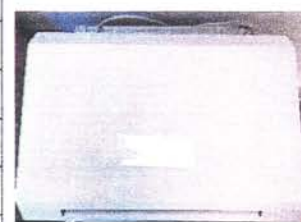


 GOVERNMENT OF DUBAI	Organization unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document title:	Electrical Appliances Sanitizing Effectiveness Test Report	عنوان الوثيقة:	
	Document ref.:	DM-DCLD-F-CP-2170	رقم الوثيقة:	

Request number	CPTR-2021-0042-M	Report number	TR-0230-2021	Test start	25/02/2021
Request date	25/02/2021	Report date	02/03/2021	Test completion	02/03/2021



<b>Customer information</b>			
Name			
E-mail		Phone No.	971551693672

<b>Product information</b>			
Name			
Manufacturer		Bar code	Not Available
Brand		Model	NA
Country of origin		Batch / Lot.	-
Quantity	1	Unit	Pcs
Volume	-	Unit	-



<b>Laboratory information</b>	
Name	Chemical Analysis Laboratories Unit Consumer Products & Commodities Laboratories Section
Address & Contact	P.O. Box 67 Dubai, Tel. No.: 00971-4-3027007, Fax: 00971-4-3362696 E-mail: info@dm.gov.ae , Website: <a href="http://www.dm.gov.ae">www.dm.gov.ae</a>

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	Document title:		عنوان الوثيقة:	
	Document ref.:	DM-DCLD-F-CP-2170	رقم الوثيقة:	

Report number. TR-0230-2021

<b>Test description</b>						
<b>Test method</b>	DM-DCLD-SOP-CP-2040*					
<b>Test condition</b>	<p>The test device placed inside the store room at Dubai Central Laboratory (50m<sup>3</sup>) Before operating the unit, the air quality of the room had monitored to know the average natural contamination level by using an air sampler at a volume of 300 liter/Minute.</p> <p>To check the antimicrobial disinfection effectiveness, the switched on and started running continuously for 30 minutes and the air quality had monitored again.</p> <p>Percentage of microbial reduction had calculated by taking the reference of microbial count before the units operated.</p>					
Test microorganisms	Sampling location	Initial bacterial concentration (CFU/0.1ml)	Duration	Number of bacteria after 24 hr at 35°C		Antimicrobial activity Reduction percentage (%)
				Control (CFU/ Plate, Before)	Test (CFU/ Plate)	
Total bacterial count (Air quality)	Store room, DCL	Natural Microbial flora	30 Min	135	47	65.1
Yeast & Mould (Air quality)	Store room, DCL	Natural Microbial flora	30 Min	33	12	63.6

#### Remarks:

Based on the tests conducted it has been observed that there is significant microbial reduction after working of device for 30 Minutes in a room size of 50 cubic meter.

#### Note:

- Abbreviation indications: SN = Serial Number, NA = Not Applicable, NC = Not Conducted, ND = Not Detected, NR= Not Requested, LOR = Limit of Reporting, Uexp % = Expanded Uncertainty Percent, DCLD = Dubai Central Laboratory Department.
- The expanded uncertainty is based on a coverage factor k=2, at a confidence level of 95%.

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	Document title:	Test Report	عنوان الوثيقة:	
	Document ref.:	DM-DCLD-F-CP-2170	رقم الوثيقة:	

Report number. TR-0230-2021

- The results contained herein apply only to the sample submitted and to the specific tests carried out and to the product information provided by the customer.
- (\*) Indicates that the test is not accredited by EIAC (Certificate No. 205-LB-TEST).
- For any report that does not have an authentication QR code, do not hesitate to contact [cpsreport@dm.gov.ae](mailto:cpsreport@dm.gov.ae) for clarification.
- This report cannot be used for advertisement, campaign, and legal purpose without our permission.
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**Approved by**

For



Eng. Abdulrahman Mohammed Abdulla Al Ali

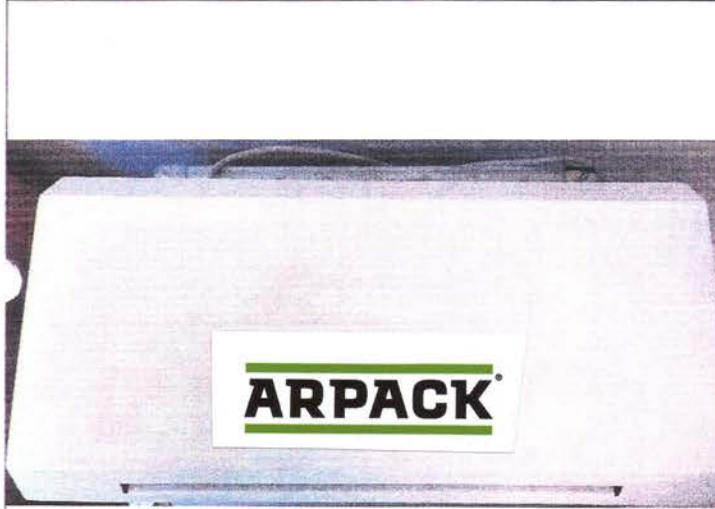
Consumer Products & Commodities Section Manager

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	Document title:	Test Report	عنوان الوثيقة:	
	Document ref.:	DM-DCLD-F-CP-2170	رقم الوثيقة:	

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### Test photos



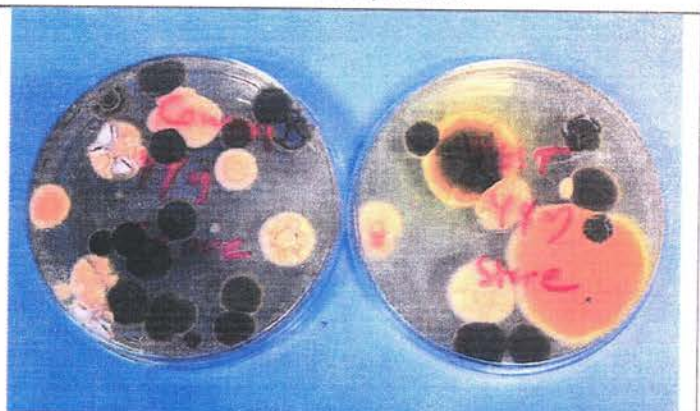
Test Device- Tiokraft



Tiokraft in operation



Air Quality - TBC



Air Quality – Yeast & Mould

-END OF REPORT-

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