



ميديل ايست لخدمات الفحص ذ.م.م.
Middle East Testing Services L.L.C.

TEST REPORT

Report No.: METS-R 3642/2020

Client / Establishment : M/s. Amlak Detergents and Disinfectants Manufacturing LLC
Warehouse SHA-11, Shed type A, AL Hamra Industrial Zone- NFZ
RAKEZ Non Freezone Warehouses
P.O Box: 125032, Ras Al Khaimah
United Arab Emirates

Sample ID : METS-S20-3642
Sample Receiving Date : 21/10/2020
Reporting Date : 02/12/2020
Date of Analysis : 21/10/2020-02/12/2020
Issue No. : 01 (Re-Issue Date: NA)

Sample Information:

Sample Description : Disinfectant
Brand : SterilOx
Quantity : 500 ml
Production Date : 17/09/2020
Expiry Date : 19/09/2021
Batch Number : SB170920/A

Brief Evaluation of the Results:

	Test	Compliance
METS-S20-3642	Specific migration analysis	Pass

The corresponding test results are furnished in following page

Prepared by

Microbiologist

Biological Science Division (BSD)

Employee Code: METS AJ EC 115



Approved by

Quality Department

The above test results are only applicable to the sample (s) referred above. This report shall not be reproduced except in full, without the written approval of METS laboratory.

For further clarification of reports, please contact qc@metslab.com



DETAILED TEST:

Scope: To determine the Food Contact Certificate from articles intended to come in contact with food stuffs.

Regulation (EC) No 1935/2004, (EU) 2017/752 and (EU) No 10/2011 on materials and articles intended to come into contact with food stuff.

Test Results

1. **Food Contact Certificate: Specific Migration of Heavy Metals*1**

Temperature : 25°C
Duration : 10 days

Test	Method	Unit	Result	Max. Permissible limit	Comment
Aluminium (Al)	METS-IP-19	mg/kg	<0.01	1	PASS
Barium (Ba)		mg/kg	<0.01	1	PASS
Cobalt (Co)		mg/kg	<0.01	0.05	PASS
Copper (Cu)		mg/kg	<0.01	5	PASS
Iron (Fe)		mg/kg	<0.01	48	PASS
Lithium (Li)		mg/kg	<0.01	0.6	PASS
Manganese (Mn)		mg/kg	<0.01	0.6	PASS
Zinc (Zn)		mg/kg	<0.01	5	PASS
Nickel (Ni)		mg/kg	<0.01	0.02	PASS

Note: mg/kg= milligram/kilogram

*1 Parameter accredited by IAS in accordance with ISO/IEC 17025:2017





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Chemical Analysis:

Parameter	Test Method	Unit	Result	Specification limit: GSO 1948:2009
Biodegradability	GSO 1099:2002	-	Biodegradable	Active ingredient shall be biodegradable

Test Method Deviation : None

Sampling Method : NA

Test Conducted by : AB/VV

Remarks:

The tested specimen was found to have satisfactory quality since specific migration values are within the recommended limit. The specimen found to meet food contacting requirement at the temperature studied.

2. Skin Contact Certificate

Scope: To determine the skin irritation and sensitization from tested product.

Method: EN ISO 10993- Part 10:2002

Different volume of undiluted test sample was added on to a gauze pad and applied directly on the skin. The patch test was conducted for various time intervals and irritation response were recorded after removing the pad.

Quantity of undiluted test sample applied on gauze pad	Time of Exposure	Irritation Response
0.2ml	15 minutes	Absence of irritation
	30 minutes	Absence of irritation
	45 minutes	Absence of irritation
	1 hour	Absence of irritation
	2 hour	Absence of irritation
	24 hour	Absence of irritation
	48 hour	Absence of irritation
0.4ml	15 minutes	Absence of irritation
	30 minutes	Absence of irritation
	45 minutes	Absence of irritation
	1 hour	Absence of irritation
	2 hour	Absence of irritation
	24 hour	Absence of irritation
	48 hour	Absence of irritation

Remarks:

Absence of skin irritation was observed for the tested sample at fixed sample volume and time of exposure studied.





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Figure 1: Image of tested sample.

-End of Report-

