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YEDITEPE UNIVERSITY
BIOCIDAL-RESEARCH AND DEVELOPMENT LABORATORY

SET 2
ANTIVIRAL ACTIVITY ANALYSIS REPORT

REPUBLIC OF TURKEY
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BIOCIDAL-RESEARCH AND DEVELOPMENT LABORATORY

BIOCIDAL PRODUCT ANALYSIS REPORT

Tested Product Name	SET 2
Sample Record Number	2020-128/AG2000128
Report Record Number	200233-01 / AG07
Date	25.08.2020

REPORT CONTENT

Yeditepe Üniversitesi 26 Ağustos Yerleşimi, İnönü Mahallesi Kayışdağı Caddesi 34755 Ataşehir / İstanbul
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BIOCIDAL PRODUCT ANALYSIS REPORT

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1. PRODUCT INFORMATION

Tested Product Name	SET 2
Product Arrival Date	12.06.2020
Product Arrival	Hand Delivered
Sample Accept Temperature	23 ° C
Sample Packıng Materıal	Flat glass
Sample Amount	30 coated +5 References
Purpose of Analysıs	Special request
Sample Manufacturer Name And Adress	Paşabahçe Cam Sanayi ve Tic A.Ş. İçmeler Mah. D-100 Karayolu Cad. No:44 Tuzla İstanbul
Active Substances of Product	-
Sample Charge/Serial No	
Sample Sending Institution	Paşabahçe Cam Sanayi ve Tic A.Ş.
Sample Address	-
Production And Expiration Date Of Sample	-

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2. PRODUCT ANALYSIS RESULTS

2.1. Anti-Viral Efficiency Analysis

Tested virus and strain	Analysis Method	Test Start and end date	Tested virus and strain properties	Tested Dose	Contact Method	Duration	Test Condition s(Clean)	Test Conditions(Dirty)	Test Cell Culture and Dilution Buffer
Poliovirus Type 1	TS EN 21702	18.06.2020 07.07.2020	Reference strain of ATCC coded VR-192	100 %	Material (in test plates)	1,5,10,60 minutes	BSA-containing medium (20°C)	BSA and sheep erythrocytes containing medium, (20°C)	HEp-2 cell culture (ATCC CCL-23) MEM, PBS, Hard water
Human Adenovirus Type 5	TS EN 21702	18.06.2020 07.07.2020	Reference strain of ATCC coded VR-5	100 %	Material (in test plates)	1,5,10,60 minutes	BSA-containing medium (20°C)	BSA and sheep erythrocytes containing medium, (20°C)	HEp-2 cell culture (ATCC CCL-23) MEM, PBS, Hard water
Murine norovirüs	TS EN 21702	18.06.2020 07.07.2020	Reference strain of ATCC coded PTA-5935	100 %	Material (in test plates)	1,5,10,60 minutes	BSA-containing medium (20°C)	BSA and sheep erythrocytes containing medium, (20°C)	RAW cell culture (ATCC TIB-71) MEM, PBS, Hard water

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2.2. Anti-Viral Efficiency Analysis Results Table

Poliovirus Type 1

Name of the product	SET 2	
Contact time	1,5,10 minutes	
Administration dose	%100	
Reference Virus Titer *	3.0	
Ambient conditions	Clean environment	Dirty environment
Disinfectant Virus Titre **	1.5	1.5
Rate of Reduction in Virus Titre***	1.5	1.5

Name of the product	SET 2	
Contact time	60 minutes	
Administration dose	%100	
Reference Virus Titer *	3.0	
Ambient conditions	Clean environment	Dirty environment
Disinfectant Virus Titre **	0.5	0.5
Rate of Reduction in Virus Titre***	2.5	2.5

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Adenovirus Type 5

Name of the product	SET 2	
Contact time	1,5,10 minutes	
Administration dose	%100	
Reference Virus Titer *	3.0	
Ambient conditions	Clean environment	Dirty environment
Disinfectant Virus Titre **	1.5	1.5
Rate of Reduction in Virus Titre* **	1.5	1.5

Name of the product	SET 2	
Contact time	60 minutes	
Administration dose	%100	
Reference Virus Titer *	3.0	
Ambient conditions	Clean environment	Dirty environment
Disinfectant Virus Titre **	0.5	0.5
Rate of Reduction in Virus Titre* **	2.5	2.5

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Murine Norovirus

Name of the product	SET 2	
Contact time	1,5,10,60 minutes	
Administration dose	%100	
Reference Virus Titer *	3.0	
Ambient conditions	Clean environment	Dirty environment
Disinfectant Virus Titre **	1.5	1.5
Rate of Reduction in Virus Titre* **	1.5	1.5

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2.3. Antiviral Efficacy Test Method / Method Information

Deneme Parametresi	**Yöntem / Teknik**	**Yöntem Özeti**
Poliovirus Type 1	-	Serial dilutions of reference Poliovirus type 1, chat strain were inoculated onto HEp-2 cells and viral titer was calculated using Spearman-Karper method based on the virus dilution which exerted visible cytopathic effect under invert microscope.
Human Adenovirus Type 5	-	Serial dilutions of reference Human adenovirus type 5, Adenoid 75 strain were inoculated onto HEp-2 cells and viral titer was calculated using Spearman-Karper method based on the virus dilution which exerted visible cytopathic effect under invert microscope.
Murine norovirüs	-	Serial dilutions of reference Murine Norovirus PTA-5935 strain were inoculated onto RAW cells and viral titer was calculated using Spearman-Karper method based on the virus dilution which exerted visible cytopathic effect under invert microscope.
YORUM / AÇIKLAMA	As a result; When the test results were used for 1 minute, 5 minutes, 10 minutes and 60 minutes, the effectiveness of Set 2 against Poliovirus Type 1 virus, Human Adenovirus Type 5 virus, Murine norovirus virus at room temperature (20 ° C) application time is given in the table above.	

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3. APROVALS AND SIGNATURES

28.09.2020

A.Burcin ASUTAY
Biologist
Virology Laboratory Manager

28.09.2020

Serap DELİMEHMETOĞULLARI
Biologist
Sample Acceptance and Reporting Manager

Prof. Dr. Fikrettin ŞAHİN
Chair of Biocidal Laboratory

4. LEGAL INFORMATION

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5. GENERAL INFORMATION

1. As a result of the examination and analysis, the above mentioned values were determined.
2. Analysis results are valid for the sample above-mentioned.
3. Any part of this analysis report can not be used by itself or separately.
4. This report can not be partially copied or reproduced without the written permission of the laboratory.
5. This report cannot be used in judicial/administrative proceedings and for advertising purposes.
6. Unsigned and unsealed reports are invalid.
7. Abbreviations: D: Evaluation. U: Suitable. U.D.: Not Suitable. D.Y.: Evaluation can not be made. G.K.: Recovery. Ö.B.: Measurement Uncertainty. Ö.L.: Measurement Limit. U.S.S.: Long Term Stability. K.S.S.: Short Term Stability. A.U.S.: Opened Product Stability.
8. The laboratory has no responsibility for sampling. For this reason, uncertainties arising from sampling are not taken into consideretion.
9. For Anti-Viral activity test results, evaluation as SUITABLE means that the product is active against the relevant virus/strain concentration on which worked, and evaluation as NOT SUITABLE means that it is inactive.

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