

**MICROBIOLOGICAL ACTIVITY
TEST REPORT**

AB-0566-T
T21-5087/0
12-21

Report Registration Number/Rev.No/Report Date	T21-5087/0/22.12.2021
Sample Name	DETRO PAA 2200
Product / License Holder	DETRO HEALTHCARE KİMYA SAN. A.Ş
Active Substances and Ratios	2200 ppm Peracetic Acid
Sample Arrival Date	25.10.2021
Sample From,Date and Number	, 25.10.2021 -
Sample Arrival, Seal Status	Biocidal Special Request , Unsealed
Address From The Sample	ATATÜRK MAHALLESİ CEMAL GÜRSEL CADDESİ NO: 8/3, ESENYURT/İSTANBUL
Production Address	ATATÜRK MAHALLESİ CEMAL GÜRSEL CADDESİ NO: 8/3, ESENYURT/İSTANBUL
Sample Serial Number	3072021043
Test Start and End Date	25.11.2021 - 17.12.2021
Sample Package	Plastic Package
Production - Expiry Date	18.10.2021 - 18.04.2023
Sample Quantity	5 L
Explanation	TEMİZ KOŞUL - 5 DAKİKA / CLEAN CONDITION - 5 MINUTE
Formulation Form	SIVI / LIQUID

Nanolab Laboratuvar Hizmetleri Kimya Gıda Danışmanlık Çevre Eğitim San. ve Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-0566-T for TS EN ISO / IEC 17025 as test laboratory

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

1. No part of the analysis report can not be used alone or separately.
2. This report can not be used in judicial-administrative proceedings and for advertising purposes.
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5. Unsigned and unsealed reports are not valid.
6. The above mentioned values were determined as the result of the examination and analysis.
7. Abbreviations; E : Evaluation, P : Pass, F : Fail, N.I. : Not Interpreted, R : Recovery, E.U. : Expanded Uncertainty, LOQ : Limit of Quantification
8. The analysis signed with "" are in the scope of accreditation.

Analysis Personnel
Feray METİN



Confirm
Alaettin ÖZDEMİR
Lab. Manager

Date
22.12.2021

Microbiological Parameters Examined	Method	Plate Count method (number of plates used)	Test temperature	Incubation temperature	Blocking Substance	Testing Organism	Neutralizer used
DETRO PAA 2200	TS EN 14348	Spread / 2	20°C	37°C	0,3 g/L bovine albumin	<i>Mycobacterium avium</i> ATCC 15769	Sodium thiosulphate 10 g/L + polysorbate 80 30 g/L + lecithin 3 g/L

Testing Organism: **Mycobacterium avium* ATCC 15769

Validation suspension (Nv0)	Control of experimental conditions (A)	Neutralizer / filtration control (B)	Method validation (C)
V_c $\frac{60}{70}$ $\bar{x} = 65$	V_c $\frac{64}{68}$ $\bar{x} = 66$	V_c $\frac{66}{70}$ $\bar{x} = 68$	V_c $\frac{62}{66}$ $\bar{x} = 64$
$30 \leq \bar{x} \leq 160?$ [X] Yes [] NO	$A's \bar{x} \geq 0,5 \times Nv0 \bar{x}?$ [X] Yes [] NO	$B's \bar{x} \geq 0,5 \times Nv0 \bar{x}?$ [X] Yes [] NO	$C's \bar{x} \geq 0,5 \times Nv0 \bar{x}?$ [X] Yes [] NO

Test suspension and test

Test suspension (N ve N0)	N	Vc	N =	$2,1 \times 10^9$	log N =	9,33
	10^{-7}	212	220	$N_0 =$	$2,1 \times 10^9$	log N ₀ = 8,33
	10^{-8}	16	20	$8,17 \leq \log N_0 \leq 8,70?$		[X] Yes [] NO
% (v/v) Product concentration	Vc	Na (kob/ml)	log Na	log R (log N ₀ - log Na)	Contact Time	
% 80,00	120	126	1230	3,09	5,24	5 min

Evaluation:

The product demonstrated 4 log reduction within the test conditions, and was evaluated EFFECTIVE against the **Mycobacterium avium* ATCC 15769 microorganism.


