



# FINAL REPORT

## PROTOCOL

Accelerated Shelf-Life Study

## PRODUCTS TESTED

Envirocleanse-A

## EMSL ORDER NUMBER

152401342

## TESTING LABORATORY

EMSL Analytical, Inc.  
5950 Fairbanks North Houston Rd.  
Houston TX 77040  
Phone: (713) 686-3635  
Web: [www.emsl.com](http://www.emsl.com)

## SPONSOR

Envirocleanse, Inc.  
23403 Clay Road  
Katy, TX 77493

## STUDY START DATE

March 6, 2024

## STUDY COMPLETION DATE

May 30, 2024





## CERTIFICATE OF ANALYSIS

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**Client:** Envirocleanse, LLC.

**Contact:** Scott Mack

**Project:** One-year Accelerated shelf-life testing of Envirocleanse-A in Quart and Gallon Bottles Blue.

**Product:** Envirocleanse-A

**S1:** 1 Quart (2 bottles, Item # 37536)



**S2:** 1 Gallon (2 bottles, Item # 37534)





**Test Parameter:** FAC (free available chlorine), TDS (total dissolved solids), and pH

**Sample Received:** 3/5/2024

**Report Date:** 5/30/2024

**Shelf Life Conditions:** 45°C for 74 days to simulate a 12 month shelf life at room temperature (22°C).

**Results:**

**Sample 1:** 1 Quart – 2 bottles

Day	FAC (ppm)		TDS (ppt)		pH	
T=0	0.04	0.03	3.78	3.79	6.7	6.7
T=37	0.02	0.03	3.30	3.33	4.5	4.6
T=74	0.06	0.07	3.19	3.18	4.5	4.3

FAC determined using photometric DPD method.

**Sample 2:** 1 Gallon – 2 bottles

Day	FAC (ppm)		TDS (ppt)		pH	
T=0	0.04	0.04	3.78	3.74	6.7	6.7
T=37	0.04	0.05	2.84	3.49	4.2	4.3
T=74	0.05	0.04	3.02	3.15	4.5	4.1

FAC determined using photometric DPD method.

**Signatures**

Study Performed by:

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Mona Ramadi, Ph.D.  
Senior Microbiologist

5/30/2024

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Date

Report Issued by:

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Jason Dobranic, Ph.D.  
Vice President of Microbiology & Life Sciences  
Study Director

5/30/2024

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Date