

Report of Inhibitory Residue Test for CITRANOX®

Study dates: Mar 3- Mar 11, 2020

Analysis Completion Date: March 15, 2020

Sample Identification: M20-0716.19

Master Lot No: C1E9 (master for lots of the form “C, 1-9, A-M, 0-9, and optional A-Z”)

Master Lot changes with any significant raw material or manufacturing change. See

Certificate of Analysis for Master Lot reference for any specific sub lot.

TEST METHOD:

Procedure defined and adhered to as described in section 9, 20th Ed Standard Methods for the Examination of Water and Waste Water. Test performed by an independent laboratory.

Detergent: 1% CITRANOX® aqueous solution.

- Group A: Washed with CITRANOX®, then rinsed 1X DI water
- Group B: Washed with CITRANOX®, then rinsed 12X DI water
- Group C: Washed with CITRANOX®, no rinsing
- Group D: Sterile Petri dishes

The glassware was sterilized and pour plates were prepared using a known population of *E. aerogenes*

RESULTS:

Plate #	CFU/mL	CFU/mL	CFU/mL	CFU/mL
	Group A	Group B	Group C	Group D
Average	66	65	69	70
<15% Difference	YES	YES	YES	YES

CONCLUSION: As shown in the table, the average CFU/mL differs less than 15% between Groups A, B, C and D. The results indicate that CITRANOX® detergent does not exhibit any toxic or inhibitory effects.