

CERTIFICATE OF TESTING

Complies with ISO/IEC 17025:2017

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Certificate Number: 2024E-00050
Revision Number: 1
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TEST PERFORMED: Ready biodegradability in freshwater following OECD 301B

TEST RESULTS

Test item name	ECO-GLO Green
Reference item name	Sodium Benzoate
Sludge collection and dosage	The inoculum was activated sludge from a municipal wastewater treatment facility located in Twinsburg, OH. Dosage: 30 mg/L
Test period	February 08, 2024 – March 07, 2024
Test substance biodegradation results	10% on day 2, 60% on day 14, and 75.2 ± 2.0% on day 28
Test validity	The test satisfied all the three requirements set by the guideline as shown below. Therefore, the test is valid. <ul style="list-style-type: none"> 1. The degradation of the reference item passed the 60% threshold within the 10-day window with a final value of 89.5% by day 28. 2. The CO₂ evolution of the inoculum blank control at the end of the test was 33.6 mg/L, within the recommended upper limit of 40 mg/L by the method. 3. The difference between the replicate extremes of the test item at the end of the test is 5.3%, below the 20% threshold set by the method.
Conclusion	The test substance may be considered readily biodegradable in freshwater according to the results obtained in this study.

CERTIFICATION We certify that the above results were obtained after testing specimen in accordance with the procedures specified by the standard method stated above. This study was also conducted in compliance with the OECD and USEPA Good Laboratory Practice (GLP) standards.

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