

# CERTIFICATE OF ANALYSIS

Product Description 2,3,5-TRIODOBENZOIC ACID; TIBA  
Product Number T850  
Lot Number HAE0850006  
Storage Temperature -20°C  
Molecular Weight 499.8  
Formula C<sub>7</sub>H<sub>3</sub>O<sub>2</sub>I<sub>3</sub>  
CAS Number 88-82-4

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 1 mg/mL	Passes
Physical Appearance Color* Texture	Under Development Crystalline Powder	2108-70 Very Pale Purple* Fine Powder*
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 97.5%	98%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Test Concentration: 1 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants	Ipomea Batatas	Passes
	Xanthi Tobacco Callus	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Product Release Date: 20-September-2024

Recommended Shelf-Life Date: September 2027



David Hart  
Technical Director