

# CERTIFICATE OF ANALYSIS

Product Description	2,3,5-TRIODOBENZOIC ACID; TIBA
Product Number	T850
Lot Number	13F0850002
Storage Temperature	-20-0 °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*	2146-70 to 2150-70	2150-70 Light Cream
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 97.5%	100.0%

\* 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	Tobacco callus	Passes
	Dianthus	Passes

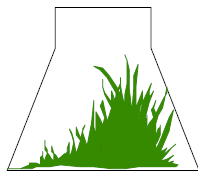
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.**

Recommended Shelf Life Date: August 2018



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### **PhytoTechnology Laboratories®**

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