

# CERTIFICATE OF ANALYSIS

Product Description      ABCISIC ACID, S-ABA  
Product Number        A102  
Lot Number              HHT0102083  
Storage Temperature   -20°C  
Molecular Weight      264.32  
Formula                 C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>  
CAS Number            21293-29-8

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in EtOH @10 mg/mL	Passes
Physical Appearance Color*	2022-70 to 2026-70, 2152-70, PM-1 to PM-4	2152-70 Off-White
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 90.0%	96.60%

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

## **Biological Testing:**

Test Concentration: 10.0 mg/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product may or may not support tissue growth. This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities exhibited by morphological aberrations to the plants	Xanthi Tobacco Callus	Passes
	Blue Potato	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.**

Date of Release: 02-May-2025

Recommended Shelf-Life Date: May 2028

Prepared by:   
Alex Lambert  
Lead Quality Control Laboratory Technician