

# CERTIFICATE OF ANALYSIS

Product Description 6-BENZYLAMINOPURINE  
BA; N6-BENZYLADENINE  
Product Number B800  
Lot Number 12K0800037  
Storage Temperature Room Temperature  
Molecular Weight 225.3  
Formula  $C_{12}H_{11}N_5$   
CAS Number 1214-39-7

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 10 mg/mL	Passes
Physical Appearance Color*	2142-70 to 2146-70, RM-1 to RM-3, or RM-31	RM-1 Off-White
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Purity by HPLC	Minimum 98.0%	98.40%
Loss on Drying	For Information Only	0.25%

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

## Biological Testing:


Test Concentration: 5.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Syngonium	Passes
	Sugarcane	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: October 2020



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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