

CERTIFICATE OF ANALYSIS

Product Description 6-BENZYLAMINOPURINE
BA; N6-BENZYLADENINE
Product Number B800
Lot Number STS0800045
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	Pass
Physical Appearance Color*	2142-70 to 2146-70, PM-1 to PM-4	PM-1 Off-White
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 3 min)	3 min
Insolubles	None	Pass
Purity by HPLC	Minimum 98.0%	99.00%
FTIR	Conforms to Structure	Pass
Loss on Drying	For Information Only	0.20%

* 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	Echinacea	Pass
	Hosta	Pass

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

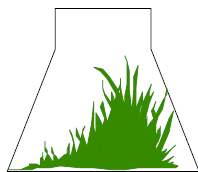
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Date of Release: 22-Aug- 2017

Recommended Shelf Life Date: August 2025



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