

CERTIFICATE OF ANALYSIS

Product Description 6-BENZYLAMINOPURINE
BA; N6-BENZYLADENINE
Product Number B800
Lot Number 16A0800044
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, PM-1 to PM-4	PM-4 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	Passes
Purity by HPLC	Minimum 98.0%	98.6%
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	0.32%

* 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	Passes
	Dianthus Artie Fire	Passes

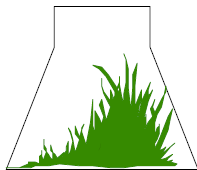
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: January 2024



Gary Seckinger, Ph.D.



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Created on 8 February 2016 JN