CERTIFICATE OF ANALYSIS

Product Description   6-BENZYLAMINOPURINE
BA; N6-BENZYLADENINE

Product Number   B800
Lot Number   HHX0800052
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	Clear	Clear
Color	Colorless to Slight Yellow Tint	Colorless
Average Time to Dissolve	For Information Only (Approx. 3 min)	Passes
Insolubles	None	Passes
Purity by HPLC	Minimum 98.0%	99.23%
FTIR	Conforms to Structure	Passes
Loss on Drying	For Information Only	0.24%

* 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	Achimenes	Passes
	Xanthi Tobacco Callus	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-2022
Recommended Shelf Life Date: May 2030

David Hart
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