CERTIFICATE OF ANALYSIS

Product Description	N6-BENZOYLADENINE
Product Number	B151
Lot Number	07J15104
Storage Temperature	2-6˚ C
Molecular Weight	239.2
Formula	$C_{12}H_9N_5O$
CAS Number	4005-49-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 1 mg/mL	Passes
Physical Appearance		
Color*	2151-60 to 2155-60 or 2149-70 to 2156-70	2152-70 Light Cream
Texture	Fine to Coarse Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity by HPLC	Minimum 98.0%	98.7%
Loss on Drying	For Information Only	0.18%

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

Biological Testing:

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	Tobacco callus	Passes
	Hosta	Passes

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

***Phyto*Technology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *Phyto*Technology 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: March 2019

Gary Seckinger, PhD

P*hyto*Technology Laboratories®
Dedicated to Growth

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