

CERTIFICATE OF ANALYSIS

Product Description	6-(, -DIMETHYLALLYLAMINO)PURINE SOLUTION (1 mg/mL) 2iP; N6-[ISOPENTYL]ADENINE
Product Number	D217
Lot Number	06H21711
Storage Temperature	-20-0° C
Molecular Weight	203.3
Formula	C ₁₀ H ₁₃ N ₅
CAS Number	2365-40-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Miscible with Water
pH (Neat)	10.75 – 12.75	11.96
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to become Miscible	Within 1 min	Within 1 min
Precipitation Formation	None	None
Membrane Filtration Sterility Test; 2 Media <Meets USP 29>	Negative (Sterile)	Negative

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures	Syngonium	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Boston Fern	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants

The material described in this certificate was manufactured in the United States of America and is either synthetic or plant derived in nature. No animal 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: August 2008

Emily Burdick

Quality Assurance Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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