

CERTIFICATE OF ANALYSIS

Product Description KINETIN SOLUTION (1 mg/mL)
 6-FURFURYLAMINOPURINE
Product Number K483
Lot Number 11G0483018
Storage Temperature -20-0 °C
Molecular Weight 215.2
Formula C₁₀H₉N₅O
CAS Number 525-79-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	10.75 – 12.75	11.77
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes
Purity of Raw Material	Minimum 96%	99.4%

Biological Testing:

Test Concentration: 5.0 mL (5.0mg)/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	Hosta	Passes
	Coreopsis	Passes

The material described in this certificate was manufactured in the United States of America and 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: July 2013



Gary Seckinger, Ph.D.



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