

CERTIFICATE OF ANALYSIS

Product Description ZEATIN SOLUTION (1 mg/mL)
trans ISOMER
(2E)-2-METHYL-4-(1H-PURIN-6-YLAMINO)-2-BUTEN-1-OL

Product Number Z860

Lot Number 14M0860007

Storage Temperature -20-0° C

Molecular Weight 219.25

Formula C₁₀H₁₃N₅O

CAS Number 1637-39-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	For Information Only	11.2
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	None
Sterility by USP<71>	Sterile	Passes
Purity (HPLC of Raw Material)	Minimum 98%	99.4%

Biological Testing:

Test Concentration: 1 mL (1 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	African Violet	Passes
	Tobacco callus	Passes

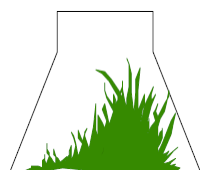
The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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Recommended Shelf Life Date: June 2017



Gary Seckinger, Ph.D.



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