

CERTIFICATE OF ANALYSIS

Product Description ZEATIN RIBOSIDE SOLUTION (1 mg/mL)
 trans ISOMER
Product Number Z875
Lot Number 16E0875015
Storage Temperature -20-0°C
Molecular Weight 351.4
Formula C₁₅H₂₁N₅O₅
CAS Number 6025-53-2

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	For Information Only	12.0
Physical Appearance		
Color	Colorless to Slight Yellow Tint	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes
Purity (HPLC of Raw Material)	Minimum 98%	98.9%

Biological Testing:

Test Concentration: 2.0 mL/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
	Cape Primrose	Passes

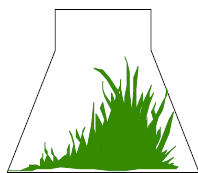
The product described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: December 2018



Gary Seckinger, Ph.D.



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