

CERTIFICATE OF ANALYSIS

Product Description ZEATIN RIBOSIDE SOLUTION (1 mg/mL)
 trans ISOMER
Product Number Z875
Lot Number HEA0875018
Storage Temperature -20°C
Molecular Weight 351.4 g/mol
Formula C₁₅H₂₁N₅O₅
CAS Number 6025-53-2

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Solubility | Miscible with Water | Passes |
| pH (Neat) | For Information Only | 11.8 |
| Physical Appearance Color Texture | Colorless to Slight Yellow Tint Clear Liquid | Colorless Clear Liquid |
| Insolubles | None | Passes |
| Sterility | Sterile | Passes |
| Purity (HPLC of Raw Material) | Minimum 98% | 98.17% |

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 |
| | Ajuga | 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.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 26-October-2020
Recommended Shelf Life Date: April 2023



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