

CERTIFICATE OF ANALYSIS

Product Description ZEATIN RIBOSIDE SOLUTION (1 mg/mL)
 trans ISOMER
Product Number Z875
Lot Number 08F87507
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) | 11.75 – 12.75 | 11.86 |
| Physical Appearance | | |
| Color | Colorless | Colorless |
| Texture | Clear Liquid | Clear Liquid |
| Insolubles | None | Passes |
| Purity (HPLC of Raw Material) | Minimum 98% | 98.3% |

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 | Tobacco Callus | Passes |
| | Syngonium | Passes |

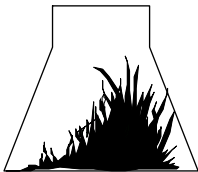
The product described in this certificate was manufactured in the United States of America and is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology 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. *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: June 2010



Gary Seckinger, Ph.D.



PhytoTechnology
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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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