

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 HYX0860012
Storage Temperature -20°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 | 9.8 |
| Physical Appearance | | |
| Color | Colorless | Colorless |
| Clarity | Clear Liquid | Clear Liquid |
| Insolubles | None | None |
| Sterility | Sterile | Passes |
| Purity of Raw Material | Minimum 98% | 99.18% |

Biological Testing:

Test Concentration: 1.00 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 | Perilla Fantasy | 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.

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: 25-November-2025

Recommended Shelf-Life Date: November 2027

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