

CERTIFICATE OF ANALYSIS

Product Description KINETIN SOLUTION (1 mg/mL)
6-FURFURYLAMINOPURINE
Product Number K483
Lot Number AKK0483024
Storage Temperature 2-8°C
Molecular Weight 215.2
Formula C₁₀H₉N₅O
CAS Number 525-79-1

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Solubility | Miscible with Water | Passes |
| pH (Neat) | >10.0 | Passes |
| Physical Appearance Color Texture | Colorless to Slight Yellow Tint Clear Liquid | Colorless Clear Liquid |
| Insolubles | None | Passes |
| Sterility by USP <71> | Sterile | Passes |
| Purity of Raw Material | Minimum 96% | 99.30% |

Biological Testing:

Test Concentration: 5.0 mL (5.0mg)/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 | Coreopsis | Passes |
| | African Violet | 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: 20-May-2019
Recommended Shelf Life Date: May-2022



David S. Hart
Technical Services Manager