

# CERTIFICATE OF ANALYSIS

Product Description KINETIN SOLUTION (1 mg/mL)  
6-FURFURYLAMINOPURINE  
Product Number K483  
Lot Number HHA0483025  
Storage Temperature 2-8°C  
Molecular Weight 215.2  
Formula C<sub>10</sub>H<sub>9</sub>N<sub>5</sub>O  
CAS Number 525-79-1

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION                                   | RESULTS                   |
|---|---|---------------------------|
| Solubility                              | Miscible with Water                             | Passes                    |
| pH (Neat)                               | >10.0   | Passes                    |
| Physical Appearance<br>Color<br>Texture | Colorless to Slight Yellow Tint<br>Clear Liquid | Colorless<br>Clear Liquid |
| Insolubles                              | None  | Passes                    |
| Sterility by USP <71>                   | Sterile   | Passes                    |
| Purity of Raw Material                  | Minimum 96%                                     | Passes 99.3%              |

## 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 | Tobacco Callus  | Passes  |
|  | Perilla Fantasy | 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: 24-April-2020

Recommended Shelf Life Date: April-2023



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