



CERTIFICATE OF ANALYSIS

Product Name: **Kinetin**
(6-Furfurylaminopurine)

Catalog Number: K001 Molecular Formula: C₁₀H₉N₅O
Lot Number: 03182014 Formula Weight: 215.21
CAS Number: 525-79-1 Storage: -20 to -5°C
Source: Synthetic Retest Date: 31-OCT-2021

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White Crystalline Powder	PASS
Identity Test	Passes Test	PASS
Purity (HPLC)	≥ 99.0 %	99.3 %
Loss on Drying	≤ 0.5 %	0.21 %
Residue on Ignition	≤ 0.2 %	0.03 %
Melting Point	262 - 272 °C	265.2 - 265.7 °C
Solubility (50mg/mL, KOH)	Clear to Slightly Hazy, Colorless to Faint Yellow	PASS
Plant Tissue Culture	Passes Test	PASS

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Prepared by:

Reviewed by:

Aaron Dryden 03/26/2018
Quality Control