

Certificate of Analysis

Date of Testing: 2024-07-05 15:34:44

Date of Next Testing: 2028-07-04 15:34:44

Product Name: **Kinetin**

CAS Number: 525-79-1

Specifications & Purity: Plant cell culture grade, ≥99.0% (HPLC)

Lot #: I2025070

SKU #: **K108959**

Version: **0**

Analysis #: **381735**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	269-271 (°C)	270.70000 °C
Purity(HPLC)	99-100 (%)	99.30000 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.10 %
Appearance (K108959)	White to yellow powder or crystals	White to yellow powder or crystals
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH , Colorless to Faint	Colorless to Faint	Colorless to Faint
Yellow,Clear,49.00-51.00mg/ml	Yellow,Clear,49.00-51.00mg/ml	Yellow,Clear,49.00-51.00mg/ml



John Su
QA & QC Manager