

Certificate of Analysis

Date of Testing: 2023-07-29 16:04:00

Date of Next Testing: 2027-07-28 16:04:00

Product Name: **Kinetin**

CAS Number: 525-79-1

Specifications & Purity: Plant cell culture grade, $\geq 99.0\%$ (HPLC)

Lot #: G23261084

SKU #: **K108959**

Analysis: **153734**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.82600 %
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.50 %
Melting point	269-271 (°C)	270.98000 °C
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