

Certificate of Analysis

Date of Testing: 2025-03-13 11:29:52
Date of Next Testing: 2029-03-12 11:29:52
Product Name: **Kinetin**
CAS Number: 525-79-1
Specifications & Purity: for plant cell culture, ≥99%(HPLC)
Lot #: F2115309
SKU #: **K108959**
Version: **0**
Analysis #: **479195**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	269-271 (°C)	270.80000 °C
Purity(HPLC)	99-100 (%)	99.70000 %
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.00 %
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