

Certificate of Analysis

Date of Testing: 2022-10-17 10:32:50
Date of Next Testing: 2026-10-16 10:32:50
Product Name: **Adenine hemisulfate salt**
CAS Number: 321-30-2
Specifications & Purity: for plant cell culture, 98%
Lot #: J2211583
SKU #: **A118589**
Analysis: **106477**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.77900 %
UV/Vis Absorbance (EmM in 0.1 M HCl , 262nm)	12.7-13.3	13.29
Sulfur by Elemental Analysis	8.35-9.04 (%)	8.36 %
Appearance (A118589)	White or off-white powder	White or off-white powder
for plant cell culture test	Pass	Pass
Solubility,10mg/ml of 0.5 m HCl	Clear colorless	Clear Colorless
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager