

## Certificate of Analysis

Date of Testing: 2022-11-17 11:04:15  
Date of Next Testing: 2026-11-16 11:04:15  
Product Name: **Adenine hemisulfate salt**  
CAS Number: 321-30-2  
Specifications & Purity: for plant cell culture, 98%  
Lot #: A1915076  
SKU #: **A118589**  
Analysis: **156492**

Parameter	Limit Values	Result
UV/Vis Absorbance (EmM in 0.1 M HCl , 262nm)	12.7-13.3	12.90
Purity(HPLC)	98-100 (%)	98.13300 %
Sulfur by Elemental Analysis	8.35-9.04 (%)	8.62 %
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