

## Certificate of Analysis

Date of Testing: 2022-02-28 11:51:45  
Date of Next Testing: 2026-02-27 11:51:45  
Product Name: **Adenine hemisulfate salt**  
CAS Number: 321-30-2  
Specifications & Purity: for plant cell culture, 98%  
Lot #: B2225571  
SKU #: **A118589**  
Analysis: **054997**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86700 %
Sulfur by Elemental Analysis	8.35-9.04 (%)	8.65 %
UV/Vis Absorbance (EmM in 0.1 M HCl , 262nm)	12.7-13.3	13.27
Appearance (A118589) for plant cell culture test	White or off-white powder Pass	White or off-white powder 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