

Certificate of Analysis

Date of Testing: 2023-03-11 15:19:44

Date of Next Testing: 2027-03-10 15:19:44

Product Name: **Adenine hemisulfate salt**

CAS Number: 321-30-2

Specifications & Purity: for cell culture, 98%

Lot #: B2325214

SKU #: **A112852**

Analysis: **063077**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV/Vis Absorbance (EmM in 0.1 M HCl , 262nm)	12.7-13.3	13.11
Purity(HPLC)	98-100 (%)	99.53800 %
Water by Karl Fischer	0-4 (%)	0.39 %
Appearance (A112852)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Solubility, 10mg/ml of 0.5 m HCl	Clear colorless	Clear Colorless
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager