

Certificate of Analysis

Date of Testing: 2024-04-18 11:27:00
Date of Next Testing: 2028-04-17 11:27:00
Product Name: **Adenine**
CAS Number: 73-24-5
Specifications & Purity: 98%
Lot #: D2416044
SKU #: **A108804**
Analysis: **071977**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.48200%
Assay(Nonaqueous Titration)	98-102.5 (%)	98.77%
Appearance (A108804)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Faint Yellow, Clear to Hazy,20 mg/mL	pass	Pass



John Su
QA & QC Manager