

## Certificate of Analysis

Date of Testing: 2024-06-29 11:20:00  
Date of Next Testing: 2028-06-28 11:20:00  
Product Name: **Adenine**  
CAS Number: 73-24-5  
Specifications & Purity: 98%  
Lot #: F2419097  
SKU #: **A108804**  
Version: **1**  
Analysis #: **330348**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.95500 %
Assay(Nonaqueous Titration)	98-102.5 (%)	101.61 %
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