

Certificate of Analysis

Date of Testing: 2024-07-29 10:45:18
Date of Next Testing: 2028-07-28 10:45:18
Product Name: **Adenine**
CAS Number: 73-24-5
Specifications & Purity: $\geq 98\%$
Lot #: G2423132
SKU #: **A108804**
Version: **1**
Analysis #: **376673**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85400 %
Assay(Nonaqueous Titration)	98-102.5 (%)	102.49 %
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