

Certificate of Analysis

Date of Testing: 2024-04-11 09:53:19
Date of Next Testing: 2028-04-10 09:53:19
Product Name: **Adenine**
CAS Number: 73-24-5
Specifications & Purity: 98%
Lot #: C2429115
SKU #: **A108804**
Analysis: **330343**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Nonaqueous Titration)	98-102.5 (%)	100.50 %
Purity(HPLC)	98-100 (%)	98.05000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (A108804)	White to Off-White Powder	White to Off-White Powder
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