

Certificate of Analysis

Date of Testing: 2024-12-17 10:57:49

Date of Next Testing: 2026-12-17 10:57:49

Product Name: **Adenine Hydrochloride Hemihydrate**

CAS Number: 2922-28-3

Specifications & Purity: $\geq 99\%$

Lot #: B2318750

SKU #: **A129851**

Version: **1**

Analysis #: **450560**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	0.03 %
Purity(HPLC)	98-100 (%)	99.62000 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	99-101 (%)	99.75 %
EmM Anhydrous(Run in pH 1.0)	12.7-13.5	13.49
Wave Length	261-263 (nm)	262.00 nm
Appearance (A129851)	White to Off-White Powder	White to Off-White Powder
NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot Water,almost transparency	Pass	Pass



John Su
QA & QC Manager