

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-12 14:20:22

Date of Next Testing: 2027-01-11 14:20:22

Product Name: **Adenine hydrochloride hydrate**

CAS Number: 6055-72-7

Specifications & Purity: $\geq 98.5\%$ (HPLC)

Lot #: A2306030

SKU #: **A104286**

Version **1**

Analysis #: **165854**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-9.5 (%)	1.00040 %
Purity(HPLC)	98.5-100 (%)	99.86800 %
EmM Anhydrous	12.7-13.5	13.10000
Wave Length	261-263 (nm)	262.00000 nm
Appearance (A104286)	White to Off-White Powder	White to Off-White Powder
Solubility, Colorless Clear to Faint Yellow Very Slightly Hazy	pass	Pass
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager