

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-12-25 13:15:08  
Date of Next Testing: 2029-12-24 13:15:08  
Product Name: **Adenine hydrochloride hydrate**  
CAS Number: 6055-72-7  
Specifications & Purity:  $\geq 98.5\%$ (HPLC)  
Lot #: B2228028  
SKU #: **A104286**  
Version: **1**  
Analysis #: **624445**  
Storage Temperature: Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-9.5 (%)	3.56500 %
Purity(HPLC)	98.5-100 (%)	98.70000 %
EmM Anhydrous	12.7-13.5	13.16000
Wave Length	261-263 (nm)	262.00000 nm
Appearance (A104286)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless Clear to Faint Yellow Very Slightly Hazy	pass	Pass
NMR Spectrum 1H	conforms to structure	Conforms to Structure

