



SHANGHAI SHARING TECHNOLOGIES CO.,LTD.

Tel:+86-21-56152668 +86-18116302010

NO.1122,XINJINQIAO ROAD, PUDONG DISTRICT, SHANGHAI,CHINA

www.sharingchemical.com sharing@sharingtechcn.com

CERTIFICATE OF ANALYSIS

Product Name: Adenosine

Batch No.:SB001-1202412010

Analysis according:USP 37

Date of Analysis:Dec.11th,2024

Quantity:3300.0kg

Date of Production:Dec.10th, 2024

Date of Expiry:Dec.9th,2027

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White or almost white crystalline powder	Complies
Loss on drying	≤0.5%	0.08%
Residue on ignition	≤0.1%	0.06%
Melting point	233.0~238.0℃	234.1~235.2℃
Specific Rotation	-68.0°~ -72.0°	-71.5°
Heavy Metals	≤10ppm	Complies
Acidity or alkalinity	USP 37	Complies
Limit of chloride	≤0.007%	Complies
Limit of Ammonia	≤0.0004%	Complies
Limit of sulfate	≤0.02%	Complies
Assay(HPLC)	Conforms to the USP37	Complies
Assay (HClO ₄)	99.0~101.0%	99.8%
Adenine	≤0.2%	0.0%
Total impurities	≤0.5%	0.3%
Guanosine	≤0.1%	0.0%
Uridine	≤0.1%	0.0%
Inosine	≤0.1%	0.0%
Identification	IR spectrum should match with that of working standard	Complies
Conclusion:	Meets the requirements	

Chief of QC.: Meng Lu

Analyst: Duan Zhen

Approved by: Wang Haichao