



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

地址: 武汉市金桥大道107号凯信大厦2号楼2015-2016室
Address: Room 2015-2016, No.2 Building, Kaixin Mansion, No.107 Jinqiao Avenue, Wuhan, China.
Tel: +86-27-85767163, 59207850 Fax: +86-27-59524646 Zip code: 430013
Website: www.fortunachem.com E-mail: sales@fortunachem.com info@fortunachem.com

CERTIFICATE OF ANALYSIS

Product: Adenosine
Mfg. date: Jan. 07th, 2020
Exp. date: Jan. 06th, 2023

Batch No.: 20010702
Quantity: 500KGS

Items	Specifications	Results
Appearance	A white or almost white crystalline powder	White crystalline powder
Identification	IR spectrum should match with that of working standard	Complies
Melting point	233.0~238.0°C	233-234°C
Specific rotation	-68°~ -72°	-69°
Loss on drying	≤0.5%	0.1%
Residue on ignition	≤0.1%	0.1%
Heavy metals	≤10ppm	Complies
Potential of hydrogen Add 0.01mol/L sodium hydroxide Solution Add 0.01mol/L hydrochloric acid Solution	Blue or violet Yellow	Complies
Acidity or alkalinity	USP35	Complies
Limit of ammonia	≤0.0004%	Complies
Limit of chloride	≤0.007%	Complies
Limit of sulfate	≤0.02%	Complies
Chromatographic purity	Total impurities ≤0.5%	0.2%
	Guanosine ≤0.1%	Undetected
	Inosine ≤0.1%	0.02%
	Uridine ≤0.1%	0.01%
Adenine ≤0.2%	0.05%	
Assay	99.0~101.0%	100.4%
Conclusion	The product conforms to the USP40 standard.	

QC: Luo Xiaofeng

Tester: AT02

Re-tester: AT03