



西安康诺化工有限公司

Kono Chem Co., Ltd

Product Name: Adenosine	
Batch No. : KNY120201210	Quantity:5008 kg
Analysis according: QS-01-018-02	
Date of Production: 20201208	
Test date : 20201210	Date of Report : 20201210
Date of Expiry: 3 Years	

Items	Requirements	Results
Identification	IR spectrum should match with that of working standard	Complies
Melting point	233.0℃~238.0℃	235℃~236℃
Specific Rotation	-68.0°~ -72.0°	-69.6°
Loss on drying	≤0.5%	0.1%
Residue on ignition	≤0.1%	0.02%
Heavy Metals	≤10ppm	Complies
Acidity or alkalinity	Meet the requirements	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%	0.3%
	Guanosine≤0.1%	Not detected
	Inosine≤0.1%	Not detected
	Uridine≤0.1%	Not detected
	Adenine≤0.2%	Not detected
Assay (HClO ₄)	98.0~101.0%	100.1%
Conclusion:	Meets the requirements	



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