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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	N-Acetylneuraminic Acid		
CAS No.	131-48-6	Report Number	NANA20251053
Batch Number	NANA251028	Manufacture Date	2025/10/28
Batch Quantity	500Kg	Expiry Date	2027/10/27

Test Items	**Test Standard**	**Test Result**	**Test Methods**
Appearance	White Powder	Conforms	Visual
Smell & Taste	Characteristic	Conforms	Organoleptic
Impurities	No visible impurities	Conforms	Organoleptic
Assay	≥98.0%	98.32%	GB/T 30636-2014
pH	1.8 ~ 2.3	2.1	GB 5009.237-2016
Optical Rotation	-30°~ -34°	-32°	GBT 613-2007
Loss on Drying	≤2.0%	0.55%	GB 5009.3-2016
Ignition Residue	≤2.0%	0.04%	GB 5009.4-2016
Aflatoxin B1	≤0.5μg/kg	Conforms	GB 5009.22-2016
Lead (Pb)	<0.1mg/kg	Conforms	ICP-MS
Arsenic (As)	<0.5mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.01mg/kg	Conforms	ICP-MS
Total Aerobic Count	≤1000cfu/g	100cfu/g	GB 4789.2
Yeast & Moulds	≤50cfu/g	Conforms	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Conclusion	
Conclusion	To be complied with in-house Specification and Q/OTT 0001S-2019.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: Checker: Approved: