



Zhejiang zhengshuo Biotechnology Co., Ltd

Certificate of Analysis

Product	N-Acetylneuraminic Acid	CAS	131-48-6
Batch Number	20230428	Test Date	2023.04.28
Quantity	20kg	Test Basis	In House

Test Index	Standard Provision	Result
Appearance	White or Similar White Crystalline Powder	White Powder
Smell	Odorless	Odorless
Assay (Converted on Dry Basis)	>99%	99.56%
Purity (by HPLC)	>99%	99.38%
Water content	-30° ~ -34°	-32.3°
Heavy Metal	<10ppm	<10ppm
Fe	<5ppm	Not Detected
Pb	<0.1mg/kg	Not Detected
Hg	<0.3mg/kg	Not Detected
As	<0.3mg/kg	Not Detected
Cr	<0.3mg/kg	0.077
Transmittance	≥99%	99.4%
PH	1.8-2.3	2.03
Water Content	≤1.0%	0.15%
Ash	≤1.0%	0.081%
Ethanol residue	<0.5%	0.0028%
Total plate count	<100CFU/g	<10CFU/g
Yeast and Molds	<10CFU/g	<10CFU/g
Number of Coliforms	Not Detectable	Not Detected
Staphylococcus Aureus	Not Detectable	Not Detected
Salmonella Count	Not Detectable	Not Detected
Listeria Monocytogenes	Not Detectable	Not Detected
Cronobacter sakazakii	Not Detectable	Not Detected
Bacillus Cereus	<50CFU/g	<10CFU/g
Dibutyl Phthalate	Not Detectable	Not Detected
Conclusion: The products Conforms to in-house		

Storage: Store in dry , air - tight container , in a cool dark place.

Examination Clerk: Zhu Weiji

Reviewer: Zhang Ying

Rerson in Charge: Liu Jianfeng