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Certificate of Analysis

Product Name:	N Acetyl Cysteine;NAC	Manufacture Date:	07 th ,Sept,2024
Test Date:	08 th ,Sept,2024	Batch No:	Sj20240907
Batch Quantity:	1900 Kg	Expiration Date	06 th ,Sept,2024

Items	Standards	Results
Assay	98.5~101.0%	99.60%
Appearance	White crystalline powder	Complies
Specific rotation $[\alpha]_{D20}$	+21.3°~+27.0°	+24.0°
Chloride(Cl)	≤0.05%	≤0.05%
Ammonium(NH ₄)	≤0.02%	<0.02%
Sulfate(SO ₄)	≤0.03%	<0.03%
Iron(Fe)	≤10ppm	≤10ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As ₂ O ₃)	≤1ppm	≤1ppm
Loss on drying	≤0.50%	0.25%
Residue on ignition	≤0.20%	0.09%
PH Value	2.0~2.8	2.5
Melting point	105~110°C	107°C

Storage	Store in cool & dry place
Shelf life	24 months properly stored

Quality Assurance Officer: XiaoLiang Li

Analyst: Li He