



梓特昇生物科技（武汉）有限公司
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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
N-Acetyl-L-cysteine	616-91-1	20240620
Mfg. Date	Exp. Date	Package
Jun., 20, 2024	Jun., 19, 2026	25kg/ Drum

Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation [α] D ²⁵	+21° ~ +27°	+23.9°
State of solution	≥98.0%	98.8%
Chloride(Cl)	≤0.04%	<0.04%
Ammonium (NH ₄)	≤0.02%	<0.02%
Sulfate(SO ₄)	≤0.030%	<0.030%
Iron(Fe)	≤20ppm	<20ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As ₂ O ₃)	≤1ppm	<1ppm
Loss on drying	≤0.5%	0.20%
Residue on ignition	≤0.20%	0.06%
Assay	98.5~101.0%	99.6%
PH	2.0~2.8	2.3
Melting point	106~110°C	108.2~108.7°C
Conclusion	This Batch Is Conforming With The Standard Of AJI92.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03