



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd. (factory)

Certificate of Analysis

Product Name	N-Acetyl L-Cysteine	Manufacture Date	Sep. 23, 2022
Batch No.	NA220923	Certificate Date	Sep. 27, 2022
Batch Quantity	2000kgs	Expiration Date	Sep. 22, 2024
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result
Specific rotation	+21.3°~+27°	+25.1°
State of solution (Transmittance)	≥98%	>98.5%
Assay	98.5~101.0	99.7%
Heavy metals(Pb)	≤10ppm	<10ppm
Chloride(Cl)	≤0.04%	<0.04%
Ammonium(NH₄)	≤0.02%	<0.02%
Sulfate(SO₄)	≤0.03%	<0.03%
Iron(Fe)	≤20ppm	<20ppm
Arsenic(As₂O₃)	≤1ppm	<1ppm
Loss on drying	≤0.5%	0.23%
Residue on ignition	≤0.2%	0.16%
PH	2.0-2.8	2.4
Melting point	106° to 110°	Pass
Appearance	White powder	Confirms
Conclusion	The test result of the above mentioned product meets AJI92 standard	

Tested by: Liu gang **Date:** 2022.09.27
Approved by: Susan Sun, PhD **Date:** 2022.09.27

