

Certificate of Analysis

General Information			
Product Name	N-Acetyl-L-Cysteine	QTY	5500kg
CAS No.	616-91-1	Batch #	C23020701
Production date	2023-02-07	Expire date	2025-02-06
Issue Date	2023-02-14		
Analysis			
Item	Specification	Result	
Assay	98.5~101.0%	99.5%	
Appearance	White crystals or crystalline powder	Conforms	
IR	Infrared absorption spectrum	Complies	
Specific rotation	-21 ° ~ -27 °	-23 °	
PH	2.0~2.8	2.6	
Loss on drying	≤1.0%	0.10%	
Residue on ignition	≤0.50%	0.30%	
Heavy Metals			
Total	≤10ppm	Complies	
Lead(Pb)	≤10ppm	Complies	
Arsenic(As)	≤1.0ppm	Complies	
Iron	≤20ppm	Complies	
Microbiological			
Total Plate Count	≤1,000cfu/g	Complies	
Fungi count	≤100cfu/g	Complies	
Yeast & Mold	≤100cfu/g	Complies	
E.Coli.	Negative	ND	
Salmonella	Negative	ND	
Package&Storage	Standard packed in fiber-drum outside and Food grade plastic bags inside. N.W: 25kgs, Size: 35x35xH51 cm;		
	Store in a cool,dry place away from Moisture, Light, Oxygen		
Manufacturer	Shaanxi Lifewe Bioengineering Co., Ltd.		

QC Manager: Lv Zhiwei

QA: Zhang Na