

CERTIFICATE OF ANALYSIS

Product Name:	N-Acetyl-L-Cysteine	Batch Number:	FH20230909
Source:	<i>Synthetic</i>	Manufacture Date:	Sep.09,2023
CAS No.:	616-91-1	Analysis Date:	Sep.11,2023
Quantity:	1,500kgs	Expiration Date:	Sep.08,2025

ITEM	STANDARD	TEST RESULT
N-Acetyl-Cysteine (Assay)	98.5 – 101.0%	99.95%
Physical & Chemical		
Appearance	White Crystal Powder	Complies
Chloride (Cl)	≤0.04%	Complies
Sulfate (SO ₄)	≤0.03%	Complies
Iron (Fe)	≤20ppm	Complies
Ammonium (NH ₄)	≤0.02%	Complies
Specific Rotation	+21.3° +27.0°	+25.1°
Loss on Drying	≤0.5%	0.19%
Residue on Ignition	≤0.2%	0.08%
Melting Point	106 – 110	107 – 109
pH	2.0 – 2.8	2.3
State of Solution	≥98.0%	98.9%
Other Amino Acids	Not Detectable	Not Detectable
Heavy Metal		
Total Heavy Metals	≤10.0ppm.	Complies
As (as AS ₂ O ₃)	≤1.0ppm	Complies
Pb	≤2.0ppm	Complies
Conclusion	Conforms with AJI92	
Storage	Stored in cool and dry places. Keep away from strong light and heat	
Packing	By 25kgs/Drum, inner by plastic bag	
Shelf Life	24 months under the above condition in original packaging	

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