

CERTIFICATE OF ANALYSIS

Product Name:	Carbocysteine		
Batch No.	20211225		
Certificate No.	20211225	Quality Specification	EP6
Quantity	25kg	Test Date	December 25, 2021
Manufacturing Date	December 25, 2021	Expiry Date	December 24, 2022
Analytical Results			
Items	Specifications		Results
Description	White crystals or crystalline powders strongly acid taste		Qualified
Specific rotation [α]_D²⁰	-32.5~-35.5°		-34.1°
Assay	98.5% to 101.0%		99.10%
L-Cysteine	Not more than 0.5%		0.022%
L-Cystine	Not more than 0.5%		0.07%
Chloride (Cl)	Not more than 0.15%		0.076%
Sulfate (SO₄²⁻)	Not more than 0.03%		0.010%
Heavy metal (Pb)	Not more than 10ppm		7ppm
Residue on ignition	Not more than 0.30%		0.08%
Loss on drying	Not more than 0.50%		0.2%
Other amino acids	Chromatographically not detectable		Conforms
PH	2.5 to 3.0		2.9
Conclusion	This product conforms to EP6 standard.		

Inspector: Carlifor Wu

Verifier: Jack He

