

## Certificate of Analysis

Date of Testing: 2024-06-03 15:03:25  
Date of Next Testing: 2027-06-03 15:03:25  
Product Name: **S-(2-Aminoethyl)-L-cysteine hydrochloride**  
CAS Number: 4099-35-8  
Specifications & Purity: 98%  
Lot #: E2430487  
SKU #: **S170219**  
Version: **1**  
Analysis #: **345562**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.1-30.6 (%)	29.82%
Elemental analysis(Nitrogen)	13.6-14.3 (%)	13.87%
Purity(HPLC area)	98-100 (%)	99.93%
Specific Rotation $[\alpha]_{24}^D(c=1 \text{ in H}_2\text{O})$	-7--3 (°)	-6.90°
Appearance (S170219)	White to Off-White Powder	White to Off-White Powder



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QA & QC Manager