

## Certificate of Analysis

Date of Testing: 2023-05-22 17:21:02  
Date of Next Testing: 2026-05-21 17:21:02  
Product Name: **S-(2-Aminoethyl)-L-cysteine hydrochloride**  
CAS Number: 4099-35-8  
Specifications & Purity: 98%  
Lot #: E2315483  
SKU #: **S170219**  
**Analysis: 216642**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.62%
Carbon by Elemental Analysis	29.1-30.6 (%)	29.17%
Elemental analysis(Nitrogen)	13.6-14.3 (%)	14.18%
Specific Rotation [α] <sub>D</sub> <sup>24</sup> (c=1 in H <sub>2</sub> O)	-7--3 (°)	-3.31°
Appearance (S170219)	White to Off-White Powder	White to Off-White Powder



John Su  
QA & QC Manager