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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2027

Product Name: Acetylcysteine EP Impurity B

Identification:

Chemical Name: (2R)-2-Amino-3-sulfanylpropanoic acid (as per EP)

Synonyms : L-Cysteine (EP) ; Cystein ;
Cysteine ; ThioSerine ; β-
Mercaptoalanine

CAS Number : 52-90-4

CAT Number : CP-A79002

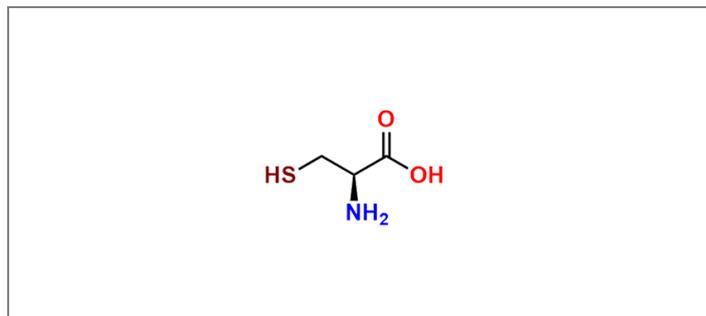
Molecular Formula : C₃H₇NO₂S

Molecular Weight : 121.15

Batch Number : CP-ACE-B-0824

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble Conc. Ammonia (1 drop):MeOH (1 ml) :1 N NaOH (1 drop) / D2O+TFA
3)	MASS By LCMS	Confirm to structure
4)	Purity By ELSD	98.98%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.