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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Acetylcysteine EP Impurity A

Identification:

Chemical Name: 3,3'-Disulfanediybis[(2R)-2-aminopropanoic acid] (as per EP) ; 3,3'-Dithiobis-L-Alanine

Synonyms : L-Cystin (EP) ; Cystine Acid ;
Dicysteine ; L-Cysteine Disulfide

CAS Number : 56-89-3

CAT Number : CP-A79001

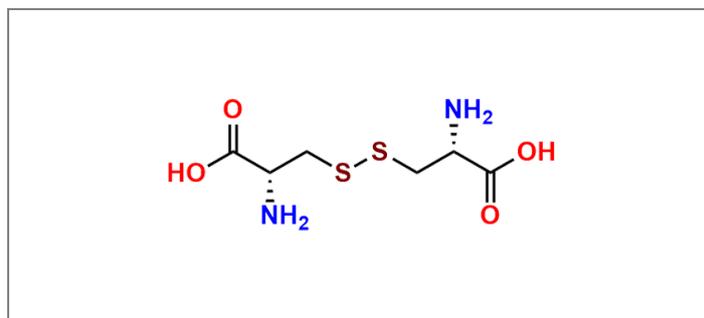
Molecular Formula : C₆H₁₂N₂O₄S₂

Molecular Weight : 240.29

Batch Number : CP-ACE-A-0924

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 in Conc. Ammonia (1 drop): MeOH (1 ml) : 1 N NaOH (1 drop)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.72%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	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.