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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

Product Name: N-Acetyl-L-cystine

Identification:

Chemical Name: N-acetyl-S-(((R)-2-amino-2-carboxyethyl)thio)-L-cysteine

Synonyms : NA

CAS Number : 25779-79-7

CAT Number : CP-A79011

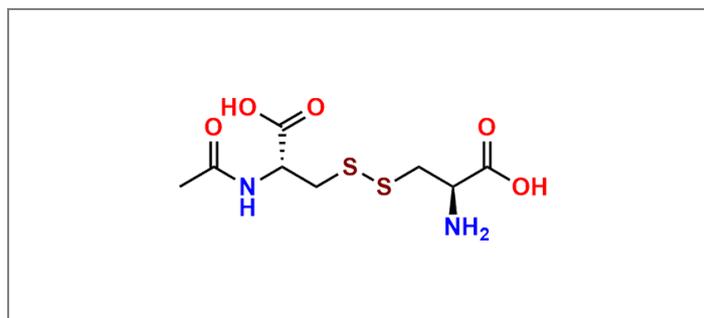
Molecular Formula : C₈H₁₄N₂O₅S₂

Molecular Weight : 282.33

Batch Number : CP-ACE-CYS-0625

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By ELSD	99.92%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.446 %
8)	Potency by TGA	99.47%



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.