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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Erdosteine Thioacid

Identification:

Chemical Name: (2-((Carboxymethyl)thio)acetyl)homocysteine

Synonyms : Erdosteine Metabolite M1

CAS Number : 121213-21-6

CAT Number : CP-E38003

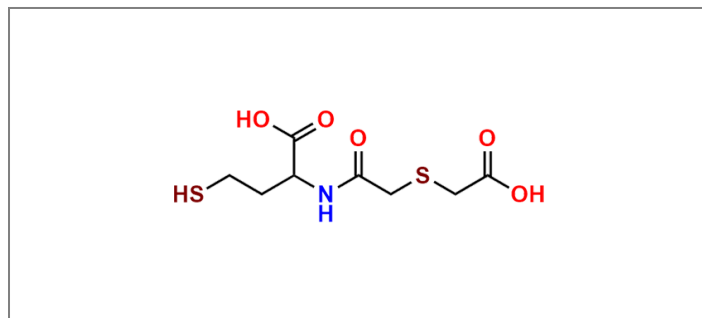
Molecular Formula : C₈H₁₃NO₅S₂

Molecular Weight : 267.31

Batch Number : CP-ERD-THADS-1224

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	Yellow to Brown Hygroscopic Crystal Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.56%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.844%
9)	Potency by TGA	96.72%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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