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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

Product Name: L-Cysteine-D-Glucose Adduct

Identification:

Chemical Name: (4R)-2-((1R,2S,3R,4R)-1,2,3,4,5-pentahydroxypentyl)thiazolidine-4-carboxylic acid

Synonyms : NA

CAS Number : 232617-16-2

CAT Number : CP-CS4892

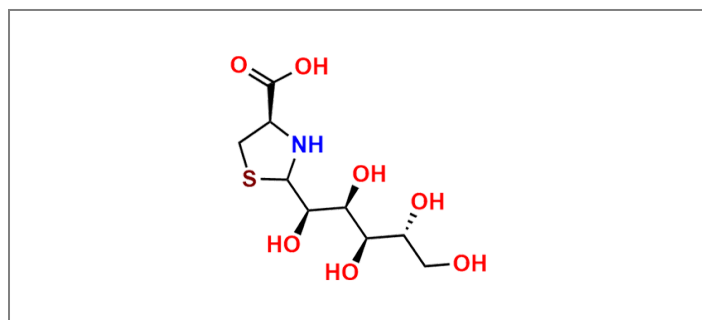
Molecular Formula : C₉H₁₇NO₇S

Molecular Weight : 283.3

Batch Number : CP-CYS-GLUD-0525

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	Brown Sticky Solid
2)	Solubility	Soluble in Methanol / Water
3)	MASS By LCMS	Confirm to Structure
4)	Purity By ELSD	100.00%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	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.