

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

L-CYSTEINE D-GLUCOSE

Identification

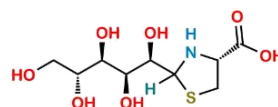
Chemical Name : (4R)-2-((1R,2S,3R,4R)-1,2,3,4,5-Pentahydroxypentyl)thiazolidine-4-carboxylic acid

CAT No : ALL-ATY-RC11

CAS No : 232617-16-2

Molecular Formula : C₉H₁₇NO₇S

Molecular Weight : 283.3



Analytical Information

Batch Code	: ALL-ATY-RC11	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.30 %
Appearance of Product	: USP Diluent / EP Diluent (MEOH)	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.183 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.548 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.183 + 0.548) × 98.00]/100 = 96.30 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr.Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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