

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

L-CYSTEINE D-GLUCOSE

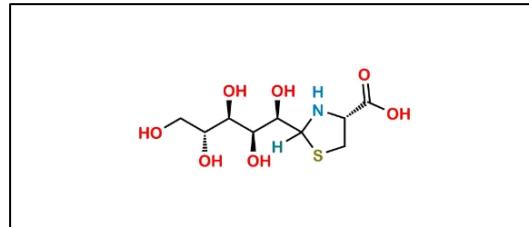
Identification

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 % **1HNMR** : Confirm

Residue Of Ignition : 0.548 %

Additional Information

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

$$[100 - (1.183 + 0.548) \times 98.00]/100 = 96.30 \%$$

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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