

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

GLUCOSE-CYSTEINE

Identification

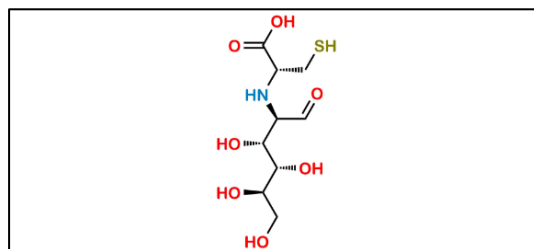
Chemical Name : ((2R,3R,4S,5R)-3,4,5,6-Tetrahydroxy-1-oxohexan-2-yl)-L-cysteine

CAT No : ALL-ATY-RC10

CAS No : 38325-69-8

Molecular Formula : C₉H₁₇NO₇S

Molecular Weight : 283.3



Analytical Information

Batch N.A.	: ALL-ATY-RC10	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.94 %
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.524 %	¹H NMR	: Confirm
Residue Of Ignition	: 1.317%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.524 + 1.317) × 99.98]/100 = 96.94 %

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203