

Analysis Date: 09-01-2026

Re-test Date: 09-01-2027

L-GAMMA-GLUTAMYL-(S)-ALLYL-CYSTEINE

Identification

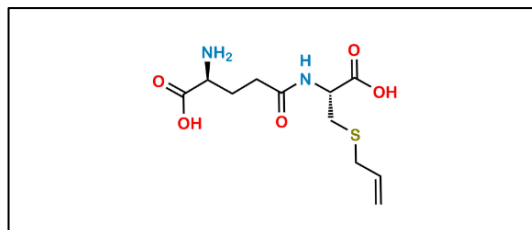
Chemical Name : L-Cysteine, N-L-gamma-glutamyl-S-2-propenyl (as per USP)

CAT No : ALL-ATY-RC12

CAS No : 91216-95-4

Molecular Formula : C₁₁H₁₈N₂O₅S

Molecular Weight : 290.3



Analytical Information

Batch No.	: ALL-ATY-RC12	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.15%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.452%	¹H NMR	: Confirm
Residue Of Ignition	: 0.415 %	¹³C NMR	: Confirm

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.452 + 0.415) \times 98.00] / 100 = 97.15\%$$

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, ¹³C NMR, UV REPORT

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