

Analysis Date: 09-01-2026

Re-test Date: 09-01-2027

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

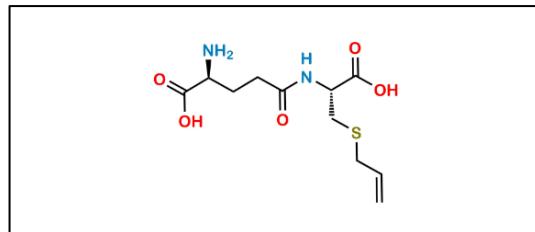
Identification

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% **1HNMR** : Confirm

Residue Of Ignition : 0.415 % **13CNMR** : 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

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