

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

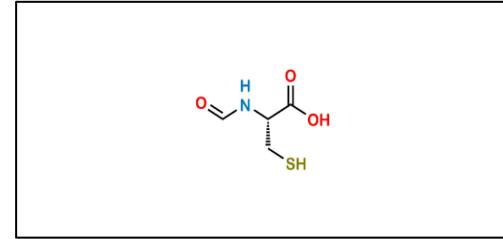
N-FORMYL-L-CYSTEINE

Identification

Chemical Name : Formyl-L-cysteine

CAT No : ALL-ATY-RC14

CAS No : 19538-78-4

Molecular Formula : C4H7NO3S

Molecular Weight : 149.2

Analytical Information

Batch No. : ALL-ATY-RC14 **HPLC Purity** : 98.00 %

Solubility : USP Diluent / EP Diluent (MEOH) **Potency** : 96.75 %

Appearance of Product : Off White Solid **Mass** : Confirm

Long Term Storage : -20°C **IR Analysis** : Confirm

Weight Loss By TGA : 0.617 % **1HNMR** : Confirm

Residue Of Ignition : 0.655 %

Additional Information

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

$$[100 - (0.617 + 0.655) \times 98.00] / 100 = 96.75 \%$$
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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