

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

## N-FORMYL-L-CYSTEINE

### Identification

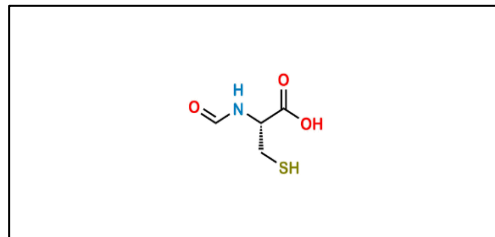
Chemical Name : Formyl-L-cysteine

CAT No : ALL-ATY-RC14

CAS No : 19538-78-4

Molecular Formula : C<sub>4</sub>H<sub>7</sub>NO<sub>3</sub>S

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 %	<sup>1</sup> H NMR	: Confirm
Residue Of Ignition	: 0.655 %		

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
[100 - (0.617+0.655) × 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 Keché Director QA&QC	

Attachment : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

### Corporate Office

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