

Analysis Date: 09-01-2026

Re-test Date: 09-01-2029

## N-ACETYL-L-CYSTEINE METHYL ESTER

### Identification

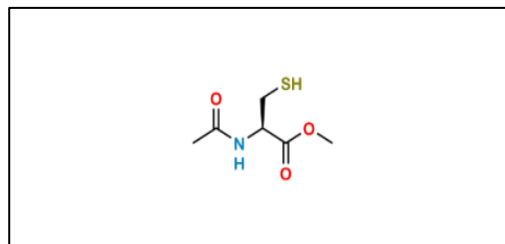
Chemical Name : Methyl acetyl-L-cysteinate

CAT No : ALL-ATY-RC13

CAS No : 7652-46-2

Molecular Formula : C<sub>8</sub>H<sub>7</sub>BFN<sub>3</sub>O<sub>3</sub>

Molecular Weight : 177.2



### Analytical Information

Batch No	: ALL-ATY-RC13	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.22 %
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.471 %	<sup>1</sup> HNMR	: Confirm
Residue Of Ignition	: 0.338 %		

### Additional Information

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

$$[100 - (1.471 + 0.338) \times 98.00] / 100 = 96.22 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Kecher 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 specific

### Corporate Office

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