

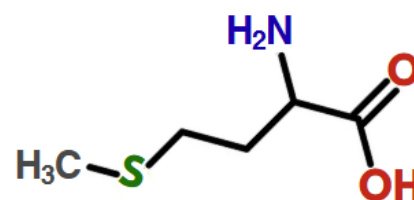


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## Product Specification

# DL-METHIONINE 99% FOR BIOCHEMISTRY

**CAT. NO.** : 035230  
**GRADE** : LR  
**CAS NO.** : 59-51-8  
**FORMULA** : C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S  
**M.W.** : 149.21



ISO 9001:2015 CERTIFIED

Minimum assay	99-101%	®
(Perchloric acid titration)		
pH of (2% solution in water)	5.4 - 6.1	
Specific rotation $\alpha^{20}_D$		
(C=5,1M HCl)	- 0.05° to + 0.05°	

### Maximum limits of impurities:

Loss on drying at 105° C	0.5%
Sulphated ash	0.1%
Chloride (Cl)	0.02%
Sulphate	0.02%
Ammonium (NH <sub>4</sub> )	0.01%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.002%
Homogeneity (TLC)	Passes test

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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