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## Typical Product Specifications & Properties

# DL-Methionine

CAS Number: : 59-51-8

Specifications	Limits
Density	1.34 kgl
Very Soluble	in alcohol
Iron	0.003% max
Heavy Metals	15 ppm max
Assay	98.5 - 101.5% (on dried basis)
Loss on Drying	0.30% max
Residue on Ignition	0.40% max
Organic Volatile Impurities	Meet the requirements
Chloride	0.05% max
Sulfate	0.03% max
pH	5.6 - 6.1
Insolubility	in ether, all org. solvs.



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415 Huguenot Street, New Rochelle, New York 10801



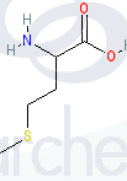
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Specifications	Limits
Melting Point	280 c (dec.)
Odor	wh. cryst. platelets or powd., char. odor
Molecular weight	149.21
Solubility	water, dil. acids and alkalis
Chemical Structure	 <p>The chemical structure shows a propanoic acid chain with a methylsulfanyl group (-S-CH<sub>3</sub>) attached to the second carbon. The carboxylic acid group is shown in its neutral form (-COOH).</p>
EINECS	200-432-1



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