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Product Specifications

Catalogue Number	03105
Product	L-Methionine methyl ester hydrochloride L-Met-OMe•HCl
CAS Number	2491-18-1
Molecular Formula	C ₆ H ₁₃ NO ₂ S•HCl
Molecular Weight	199.7

Appearance	White to off-white crystalline powder
Solubility	Clear solution 0.3 g in 2 mL water
Melting Point	145 - 155 °C
Water Content (Karl Fisher)	≤ 1.5%
Optical Rotation	[α] _D ²⁰ = 24 - 29 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2.5% (40 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only