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Product Specifications

Catalogue Number	03022
Product	L-Arginine methyl ester dihydrochloride L-Arg-OMe•2HCl
CAS Number	26340-89-6
Molecular Formula	C ₇ H ₁₆ N ₄ O ₂ •2HCl
Molecular Weight	261.2

Appearance	White powder or crystalline powder
Solubility	Clear solution
Melting Point	179 - 184 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = 21 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (75 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only