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Product Specifications

Catalogue Number	08898
Product	L-Lysine ethyl ester dihydrochloride
	L-Lys-OEt•2HCl
CAS Number	3844-53-9
Molecular Formula	C ₈ H ₁₈ N ₂ O ₂ •2HCl
Molecular Weight	247.17

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL H ₂ O)
Melting Point	140-155 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	[α] _D ²⁰ = +11 ± 3° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only