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Product Specifications

Catalogue Number	05957
Product	D-Glutamic acid γ-methyl ester D-Glu(OMe)-OH D-Glutamic acid 5-methyl ester
CAS Number	6461-04-7
Molecular Formula	C ₆ H ₁₁ NO ₄
Molecular Weight	161.6
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 6N HCl)
Melting Point	159-164 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = -29 ± 2° (C=2 in 6N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only