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Product Specifications

| | |
|------------------------------------|--|
| Catalogue Number | 06043 |
| Product | L-Glutamic acid γ-ethyl ester L-Glu(OEt)-OH L-Glutamic acid 5-ethyl ester |
| CAS Number | 1119-33-1 |
| Molecular Formula | C ₇ H ₁₃ NO ₄ |
| Molecular Weight | 175.19 |
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3g in 2mL of Water) |
| Melting Point | 163-169 °C |
| Water Content (Karl Fisher) | ≤ 1% |
| Optical Rotation | [α] _D ²⁰ = 12.5 ± 1.5° (C=1 in Water) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1% |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0-8 °C |

For Laboratory Use Only