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Certificate of Analysis

Catalogue Number	03061
Lot Number	000424-160118-16728
Product	D-Glutamic acid dibenzyl ester 4-toluenesulfonate salt D-Glu(OBzl)-OBzl•TosOH
CAS Number	19898-41-0
Molecular Formula	C ₁₉ H ₂₁ NO ₄ ·C ₇ H ₈ O ₃ S
Molecular Weight	499.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Methanol)
Melting Point	141.3-141.6 °C
Water Content (Karl Fisher)	0.045%
Optical Rotation	[α] _D ²⁰ = -8.3° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.3% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.94%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager