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Certificate of Analysis

Catalogue Number	03116
Lot Number	000424-111102-10966
Product	L-Phenylalanine benzyl ester 4-toluenesulfonate salt L-Phe-OBzl•TosOH
CAS Number	1738-78-9
Molecular Formula	C ₁₆ H ₁₇ NO ₂ •C ₇ H ₈ O ₃ S
Molecular Weight	427.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 3 mL Methanol)
Melting Point	167.1-167.2 °C
Water Content (Karl Fisher)	0.18%
Optical Rotation	[α] _D ²⁰ = -6.4° (C=1 in AcOH 80%)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.01% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.57%
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