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Certificate of Analysis

Catalogue Number	03040
Lot Number	000424-141216-11024
Product	L-Aspartic acid dibenzyl ester 4-toluenesulfonate salt L-Asp(OBzl)-OBzl•TosOH
CAS Number	2886-33-1
Molecular Formula	C ₁₈ H ₁₉ NO ₄ ·C ₇ H ₈ O ₃ S
Molecular Weight	485.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	155.5-157.0 °C
Water Content (Karl Fisher)	0.045%
Optical Rotation	[α] _D ²⁰ = +9.2° (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.80% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.04%
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