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Certificate of Analysis

Catalog Number	06027
Product Name	H-DL-Ala-OBzl•TosOH DL-Alanine benzyl ester <i>p</i> -toluenesulfonate salt
Lot Number	1025497
Molecular Formula	C ₁₀ H ₁₃ NO ₂ •C ₇ H ₈ SO ₃
Molecular Weight	351.4
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Melting point	115°C
Optical Rotation	[α] ²⁴ _D = +0.1° (1% in MeOH)
Identification by TLC	Complies with authentic material
Purity by TLC	>99%
CHCl₃/MeOH/Acetic acid 32% (5/3/1)	Plate Silicagel 60 F ₂₅₄
CHCl₃/MeOH/Toluene/H₂O (8/8/8/1)	Detected by UV, Ninhydrin, chlorine-tolidine.
Water Content (KF volumetric)	0.2%
Assay (elemental analysis)	Based on Carbon content: 99.6% Theory C: 58.10%, Found C: 57.86%
Remarks	See material safety data sheets 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

