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Certificate of Analysis

Catalogue Number	09619
Lot Number	000127-1042129
Product	N-Methyl-L-valine benzyl ester 4- N-Me-L-Val-OBzl•TosOH
CAS Number	42492-62-6
Molecular Formula	C ₁₃ H ₁₉ NO ₂ ·C ₇ H ₈ O ₃ S
Molecular Weight	393.5

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Methanol)
Melting Point	120 °C
Elemental Analysis (Found)	C = 61.00%; H = 6.90%; N = 3.70%
TLC System	Chloroform/Methanol (9:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O(60:10:3:4) Chloroform/Methanol/Acetic acid (85:10:5) Plate: silicagel 60 F ₂₅₄ Detected by: Ninhydrin, chlorine-tolidine
Optical Rotation	[α] ₃₆₅ ²⁴ = -17.3 ° (C=1 in MeOH)
Purity by TLC	> 99%
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