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Certificate of Analysis

Catalogue Number	02659
Lot Number	000424-230825-35506
Product	Boc-N-methyl-L-leucine Boc-N-Me-L-Leu-OH Boc-(Neopentyl)gly-OH
CAS Number	53363-89-6
Molecular Formula	C ₁₂ H ₂₃ NO ₄
Molecular Weight	245.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	59.3 - 60.1 °C
Water Content (Karl Fisher)	0.11%
Optical Rotation	[α] _D ²⁰ = -36.4 ° (C=1 in CH ₂ Cl ₂)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.16% (30 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.90%
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