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Certificate of Analysis

Catalog Number	05549
Product Name	Boc-Leu-Leu-OH
Lot Number	505741
Molecular Formula	C ₁₇ H ₃₂ N ₂ O ₅
Molecular Weight	344.45
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Specific Rotation (α^{24}_{D})	-39.5° (1%, Methanol)
Melting Point	136-138°C
Elemental Analysis (Found)	C 59.28%, H 9.37%, N 08.11%
Elemental Analysis (theory)	C 59.28%, H 9.36%, N 08.13%
Assay (TLC)	Purity by TLC.....>99%
Chloroform/Methanol/Acetic acid/H₂O 85/13/0.5/1.5(v/v/v/v)	detected by: UV, Ninhydrin, Chlorine-tolidine
Chloroform/Ethyl acetate/Acetic acid 50/50/2 (v/v/v/v)	
Purity	99.2%
Storage	Store at -0°C.
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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written diagonally across the page.

Sashi Kumar
Quality Control Manager