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Certificate of Analysis

Catalogue Number 02708
Lot Number 000424-160214-31101
Product ***N*^α-Boc-L-lysine**

Boc-L-Lys-OH

CAS Number 13734-28-6
Molecular Formula C₁₁H₂₂N₂O₄

Molecular Weight 246.3

Appearance White powder
Solubility Clear solution (2 g in 5 mL Water)
Melting Point 192.4-197.4 °C
Water Content (Karl Fisher) 0.52%
Optical Rotation [α]_D²⁰ = +4.6° (C=2 in H₂O)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.56% (90 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.23%
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