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Certificate of Analysis

Catalogue Number 01385
Lot Number 000424-161222-31605
Product **Boc-O-tert-butyl-L-threonine**

Boc-L-Thr(tBu)-OH

CAS Number 13734-40-2
Molecular Formula C₁₃H₂₅NO₅

Molecular Weight 275.3

Appearance White crystalline powder
Solubility Clear solution (0.3 g in 2 ml DMF)
Melting Point 97.8 °C
Water Content (Karl Fisher) 0.067%
Optical Rotation [α]_D²⁰ = + 3.4° (C=2 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.20% (35°C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.44%
Storage Store at 0-8°C

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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