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Certificate of Analysis

Catalogue Number	15585
Lot Number	000424-210820-24393
Product	(R)-Boc-4-(trifluoromethyl)-β-Phe-OH Boc-D- β -Phe(4-CF ₃)-OH
CAS Number	501015-19-6
Molecular Formula	C ₁₅ H ₁₈ F ₃ NO ₄
Molecular Weight	333.31

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	150.4 - 156.8 °C
Water Content (Karl Fisher)	0.31%
Optical Rotation	[α] _D ²⁰ = 30.3 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (75 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
Other Enantiomer	Not detected
Purity by HPLC	99.78%
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