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Certificate of Analysis

Catalogue Number	05355
Lot Number	000424-210423-31817
Product	Boc-O-methyl-D-tyrosine Boc-D-Tyr(Me)-OH
CAS Number	68856-96-2
Molecular Formula	C ₁₅ H ₂₁ NO ₅
Molecular Weight	295.3

Appearance	White powder
Solubility	Clear Solution (0.3 g in 2 mL DMF)
Melting Point	94.3 - 95.4 °C
Water Content (Karl Fisher)	0.15%
Optical Rotation	[α] _D ²⁰ = 11.6 ° (C = 1.2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (40 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.97% (ee)
L-Enantiomer	0.0293%
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