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Certificate of Analysis

Catalogue Number	04402
Product	Acetyl-O-tert-butyl-L-tyrosine
Lot Number	000424-220314-16510 Acetyl-O-tert-butyl-L-tyrosine
CAS Number	201292-99-1
Molecular Formula	C ₁₅ H ₂₁ NO ₄
Molecular Weight	279.34

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	163.2 - 164.1 °C
Water Content (Karl Fisher)	0.28%
Optical Rotation	[α] _D ²⁰ = 7.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.22% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.3%
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