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Certificate of Analysis

Catalogue Number	05813
Product	L-α-Aminobutyric acid <i>tert</i>-butyl ester hydrochloride
Lot Number	000424-121015-22261 L-Abu-OtBu•HCl
CAS Number	53956-05-1
Molecular Formula	C ₈ H ₁₇ NO ₂ •HCl
Molecular Weight	197.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	242.7-242.9 °C
Optical Rotation	[α] _D ²⁰ = +12.3° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
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