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Certificate of Analysis

Catalogue Number	03779
Lot Number	000424-230420-22436
Product	Boc-α-aminoisobutyric acid Boc-Aib-OH Boc- α -methylalanine
CAS Number	30992-29-1
Molecular Formula	C ₉ H ₁₇ NO ₄
Molecular Weight	203.2

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	120.2 - 120.7 °C
Elemental Analysis (Found)	C, H and N : < 5%
Water Content (Karl Fisher)	0.09%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.40% (50 °C at 2 h)
¹ H NMR	Conforms to structure
Purity by HPLC	99.72%
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