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Certificate of Analysis

Catalogue Number	03948
Lot Number	000424-120828-20304
Product	Boc-4-amino-D-phenylalanine
	Boc-D-Phe(4-NH ₂)-OH
	Boc- <i>p</i> -amino-D-Phe-OH
CAS Number	164332-89-2
Molecular Formula	C ₁₄ H ₂₀ N ₂ O ₄
Molecular Weight	280.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	127.6-127.8 °C
Water Content (Karl Fisher)	0.88%
Optical Rotation	[α] _D ²⁰ = -24.0° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.48% (60 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	98.85%
Storage	Store at 0-8 °C

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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