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Certificate of Analysis

Catalogue Number	04714
Lot Number	000424-130820-20130
Product	Boc-3-(2'-pyridyl)-D-alanine Boc-D-Ala(2'-pyridyl)-OH (R)-2-tert-Butoxycarbonylamino-3-pyridin-2-yl-propionic acid
CAS Number	98266-32-1
Molecular Formula	C ₁₃ H ₁₈ N ₂ O ₄
Molecular Weight	266.3
Appearance	White powder
Solubility	Clear solution (0.3 g in 6 mL MeOH)
Melting Point	144.9-145.9 °C
Water Content (Karl Fisher)	0.41%
Optical Rotation	[α] _D ²⁰ = + 15.4 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.01% (60 °C, 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	99.75%
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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager