

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	31984
Product	(S)-(-)-1-Boc-3-aminopyrrolidine
Lot Number	001462-20129 (S)-1-(tert-Butoxycarbonyl)-3-aminopyrrolidine
CAS Number	147081-44-5
Molecular Formula	C ₉ H ₁₈ N ₂ O ₂
Molecular Weight	186.25
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Appearance	Colorless liquid
Boiling point	96 - 97 °C / 5mm Hg
Water Content (Karl Fisher)	0.14%
Optical Rotation	[α] _D ²⁰ = -3.4 ° (C= 2.5% in CHCl ₃)
Other Enantiomer	< 0.2%
Purity	98.9%
Chiral Purity	> 99.8% (ee)
Storage	Store at RT
Country of Origin	USA
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