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Certificate of Analysis

Catalogue Number	16571
Product	Boc-4-oxo-L-proline
Lot Number	001497-15-2020101401 (S)-1-Boc-4-oxo-2-pyrrolidinecarboxylic acid
CAS Number	84348-37-8
Molecular Formula	C ₁₀ H ₁₅ NO ₅
Molecular Weight	229.23

Appearance	White solid
Melting Point	158.2 - 158.6 °C
Optical Rotation	[α] _D ²⁰ = 18.5 °
Related Substances	Any other impurity : 0.06% Total impurities : 0.06% N-Boc-4-oxo-R-proline : < 0.1%
¹H NMR	Conforms to structure
Assay by titration	99.06%
Purity by HPLC	99.94%
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