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Certificate of Analysis

Catalogue Number	02220
Lot Number	10072
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^δ-Boc-L-ornithine

Z-L-Orn(Boc)-OH

CAS Number	199924-46-4
Molecular Formula	C ₁₈ H ₂₆ N ₂ O ₆
Molecular Weight	366.4

Appearance	White crystalline powder
Melting Point	102 °C
TLC System	Chloroform/Methanol/Acetic acid (85:10:5)
Optical Rotation	[α] _D ²⁰ = -2.9° (C=4 in MeOH)
Loss on Drying	< 0.1%
Free Amino Acids	< 0.1%
D-Enantiomer	< 0.5%
Purity by HPLC	> 99.5%
Purity by TLC	Traces of impurities
Chiral Purity	> 99.5% (ee)
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