



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-301296
Lot Number: SAMPLE
Product Name: N-Boc-6-azido-L-norleucine (dicyclohexylammonium) salt
CAS Number: 1217451-48-3
Molecular Formula: $C_{23}H_{43}N_5O_4$
Molecular Weight: 453.62

Test	Specification	Result
Appearance	White to off white powder or crystals	Off white crystals
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPCE)	$\geq 98.0\%$	100.0%
Purity (Titration)	98.0 - 106.0% (HClO4 0.1M)	104.4%
Concentration	C=1 in Ethanol	Complies
Specific Rotation ($\alpha_{20/D}$)	$13.5 \pm 1.0^\circ$	13.6°
Carbon Content	60.90%	61.02%
Hydrogen Content	9.55%	9.59%
Nitrogen Content	15.44%	15.00%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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