



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-222605
Lot Number: SAMPLE
Product Name: 1-(Boc-amino)-1-aminomethyl cyclopentane
CAS Number: 889949-09-1
Molecular Formula: $C_{11}H_{22}N_2O_2$
Molecular Weight: 214.30

Test	Specification	Result
Appearance	White to tan solid, powder, crystals	White powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	94.0% - 106.0% (with $HClO_4$)	99.5% (with $HClO_4$)
Melting Point		72.1 - 77.7 °C
Carbon Content		61.55%
Nitrogen Content		13.22%

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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