



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-225014
Lot Number: SAMPLE
Product Name: (1S,4S)-(-)-2-(3-Fluorophenyl)-2,5-diazabicyclo[2.2.1]heptane hydrobromide
CAS Number: 294177-35-8
Molecular Formula: $C_{11}H_{13}FN_2 \cdot HBr$
Molecular Weight: 273.14

Test	Specification	Result
Appearance	Pink to purple powder, crystals, crystalline	Purple powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	95%	Complies
Solubility		Clear and dark pink solution at 25 mg/ml in methanol
Optical Rotation	$-100 \pm 3^\circ$ (c = 1%, water)	-102.4°
Carbon Content	45.5 - 51.3%	48.24%
Nitrogen Content	9.6 - 10.9%	10.19%

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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