



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227551
Lot Number: SAMPLE
Product Name: Butylboronic acid N,N,N',N'-tetramethyl-L-tartaric acid diamide ester
CAS Number: 161344-85-0
Molecular Formula: $C_{12}H_{23}BN_2O_4$
Molecular Weight: 270.13

Test	Specification	Result
Appearance	Colorless to yellow liquid	Very faint yellow liquid
Identification (1H-NMR)	Consistent with structure	Complies
Optical Rotation	-115 - -105° (c = 1.7%, CHCl ₃)	-113°
Carbon Content	51.5 - 55.2%	54.0%
Nitrogen Content	10.0 - 10.7%	10.3%

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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