



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-300894
Lot Number: SAMPLE
Product Name: L-Serine β -lactone tetrafluoroborate salt
CAS Number: 403655-97-0
Molecular Formula: $C_3H_6NO_2 \cdot BF_4$
Molecular Weight: 174.89

Test	Specification	Result
Appearance	White to almost white powder to fine crystals	Almost white fine crystals
Identification (1H -NMR)	Consistent with standard	Complies
Purity (Titration)	$\geq 98.0\%$	100.3%
Melting Point	150 - 153 $^{\circ}C$ (dec.)	152 $^{\circ}C$ (dec.)
Specific Rotation ($\alpha_{20/D}$)	$-17.0 \pm 2.0^{\circ}$ (c = 1 in DMF)	-15.5°

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.