

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-11 17:13:04
 Date of Next Testing: 2028-10-10 17:13:04
 Product Name: **(R)-3-Amino-gamma-butyrolactone hydrochloride**
 CAS Number: 117752-88-2
 Specifications & Purity: $\geq 98\%$
 Lot #: I2523112
 SKU #: **R189910**
 Version: **0**
 Analysis #: **592074**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	53.5-59.5 (°)	59.34700°
Purity (Argentmetric Titration)	98-100 (%)	99.74800 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager