

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-27 15:27:36

Date of Next Testing: 2025-06-26 15:27:36

Product Name: **(R)-3-Amino-gamma-butyrolactone hydrochloride**

CAS Number: 117752-88-2

Specifications & Purity: $\geq 98\%$

Lot #: F2223129

SKU #: **R189910**

Version: **0**

Analysis #: **106686**

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 (°)	56.44000°
Purity (Argentmetric Titration)	98-100 (%)	98.01000%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager