

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-11 14:29:42
 Date of Next Testing: 2027-03-10 14:29:42
 Product Name: **(S)-(+)-2-Aminobutanamide hydrochloride**
 CAS Number: 7682-20-4
 Specifications & Purity: $\geq 99\%$
 Lot #: C2301551
 SKU #: **A119770**
 Version: **0**
 Analysis #: **198376**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.32000 %
Purity(Titration by AgNO ₃)	99-100.5 (%)	99.00000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	23-25 (°)	23.35000 °
Appearance (A119770)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager