

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-03 16:57:34

Date of Next Testing: 2027-08-02 16:57:34

Product Name: **(S)-Butan-2-amine hydrochloride**

CAS Number: 31519-50-3

Specifications & Purity: $\geq 97\%$

Lot #: G23201101

SKU #: **S161321**

Version: **1**

Analysis #: **244886**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.55 %
Enantiometric Excess	98-100 (%)	99.91 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager