

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-07 14:41:43

Date of Next Testing: 2026-02-06 14:41:43

Product Name: **1-(Benzo[b]thiophen-4-yl)piperazine hydrochloride**

CAS Number: 913614-18-3

Specifications & Purity: $\geq 97\%$

Lot #: A23301238

SKU #: **B178172**

Version: **1**

Analysis #: **148854**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.53600 %
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	103.22000 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager