

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 09:34:22

Date of Next Testing: 2027-06-05 09:34:22

Product Name: **4-Bromopiperidine hydrobromide**

CAS Number: 54288-70-9

Specifications & Purity: $\geq 98\%$

Lot #: E2326200

SKU #: **B123508**

Version: **0**

Analysis #: **083585**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	99.00000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.64000 %
Melting point	190-194 (°C)	193.98000 °C
Appearance (B123508)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager