

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 14:07:31

Date of Next Testing: 2027-06-20 14:07:31

Product Name: **DL-2,3-Diaminopropionic acid hydrochloride**

CAS Number: 54897-59-5

Specifications & Purity: $\geq 99\%$

Lot #: F2316084

SKU #: **D102445**

Version **1**

Analysis #: **084436**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.68400 %
Melting point	231-233 (°C)	231.84000 °C
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.87 %
Appearance (D102445)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager