

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-12 10:18:58

Date of Next Testing: 2026-09-11 10:18:58

Product Name: **1-(2,3-Dichlorophenyl)piperazine hydrochloride**

CAS Number: 119532-26-2

Specifications & Purity: 98%

Lot #: I2206718

SKU # **D124224**

Analysis: 112557

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.4-45.5 (%)	44.98 %
Nitrogen by Elemental Analysis	9.5-10.9 (%)	10.16 %
Purity(HPLC area)	98-100 (%)	99.74 %
Appearance (D124224)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager