

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-22 09:18:24
Date of Next Testing: 2026-11-21 09:18:24
Product Name: **1-(Cyclopropylcarbonyl)piperazine Hydrochloride**
CAS Number: 1021298-67-8
Specifications & Purity: >98.0%
Lot #: K2217318
SKU #: **C154005**
Analysis: **125025**

| Parameter | Limit Values | Result |
|----------------------|------------------------------------|------------------------------------|
| Purity(HPLC) | 98-100 (%) | 99.85400 % |
| Melting point | 175-179 (°C) | 178.86000 °C |
| Appearance (C154005) | White to yellow powder or crystals | White to yellow powder or crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager