

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-02 15:42:36

Date of Next Testing: 2026-12-02 15:42:36

Product Name: **1-Phenylpiperazine hydrochloride**

CAS Number: 2210-93-7

Specifications & Purity: $\geq 98\%$

Lot #: K2426499

SKU #: **P137528**

Version: **1**

Analysis #: **370450**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	98.96000 %
Appearance (P137528)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager