

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-10 14:45:41
Date of Next Testing: 2028-07-09 14:45:41
Product Name: **Clonidine hydrochloride**
CAS Number: 4205-91-8
Specifications & Purity: 98%
Lot #: I2022130
SKU #: **C102161**
Version: **0**
Analysis #: **384752**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.10%
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.50%
Purity(HPLC)	98-100 (%)	99.80000%
Carbon by Elemental Analysis	39.5-41.6 (%)	41.10%
Appearance (C102161)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in pass H ₂ O		Pass



John Su
QA & QC Manager