

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-22 14:54:52  
Date of Next Testing: 2030-04-21 14:54:52  
Product Name: **Clonidine hydrochloride**  
CAS Number: 4205-91-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2615027  
SKU #: **C102161**  
Version: **0**  
Analysis #: **697171**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.15000 %
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.50000 %
Purity(HPLC)	98-100 (%)	99.86000 %
Carbon by Elemental Analysis	39.5-41.6 (%)	41.12000 %
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 <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in pass H <sub>2</sub> O		Pass



John Su  
QA & QC Manager