

Certificate of Analysis

Date of Testing: 2022-01-10 13:53:54
Date of Next Testing: 2026-01-09 13:53:54
Product Name: **Clonidine hydrochloride**
CAS Number: 4205-91-8
Specifications & Purity: 98%
Lot #: A2207415
SKU #: **C102161**
Analysis: **065829**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.15 %
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.50 %
Purity(HPLC)	98-100 (%)	99.86000 %
Carbon by Elemental Analysis	39.5-41.6 (%)	41.12 %
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