

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-05 17:20:32  
Date of Next Testing: 2028-03-04 17:20:32  
Product Name: **3-Quinuclidone hydrochloride**  
CAS Number: 1193-65-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: C2401484  
SKU #: **Q109701**  
Version: **1**  
Analysis #: **320615**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	99-100 (%)	99.51000 %
Appearance (Q109701)	White to pale cream Powder or Crystals	White to pale cream Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow, Clear, at 50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager