

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-16 14:00:18  
Date of Next Testing: 2026-10-16 14:00:18  
Product Name: **Phentolamine Hydrochloride**  
CAS Number: 73-05-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: E1905180  
SKU #: **P133574**  
Version: **0**  
Analysis #: **421438**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Nitrogen by Elemental Analysis (anhydrous)	12.5-13.7 (%)	12.90 %
Carbon by Elemental Analysis(anhydrous)	62.4-64.7 (%)	63.80 %
Appearance (P133574)	White to gray to yellow cast powder	White to gray to yellow cast powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Faint Yellow Clear(9.80 - 10.20mg/ml)	pass	Pass



John Su  
QA & QC Manager