

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-11 16:00:20  
Date of Next Testing: 2027-01-10 16:00:20  
Product Name: **o-Phenylenediamine dihydrochloride**  
CAS Number: 615-28-1  
Specifications & Purity: Analytical Reagent,99%  
Lot #: C1918124  
SKU #: **P100830**  
**Analysis: 177832**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	99.12 %
UV Absorbance 480nm (1 w/v%, H <sub>2</sub> O)	0-0.05	0.02
Purity(HPLC)	99-100 (%)	99.40000 %
UV Absorbance 420nm (1 w/v%, H <sub>2</sub> O)	0-0.04	0.02
Appearance (P100830)	White to Pink to Purple Powder or Crystals	White to Pink to Purple Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Solution transparent	pass	Pass



John Su  
QA & QC Manager