

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-18 10:58:35  
Date of Next Testing: 2028-10-17 10:58:35  
Product Name: **o-Phenylenediamine dihydrochloride**  
CAS Number: 615-28-1  
Specifications & Purity: AR, ≥99%  
Lot #: J2412641  
SKU #: **P100830**  
Version: **0**  
Analysis #: **361815**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	99.28 %
UV Absorbance 480nm (1 w/v%, H <sub>2</sub> O)	0-0.05	0.00
Purity(HPLC)	99-100 (%)	99.81200 %
UV Absorbance 420nm (1 w/v%, H <sub>2</sub> O)	0-0.04	0.00
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