

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-27 12:19:07  
Date of Next Testing: 2028-05-26 12:19:07  
Product Name: **o-Phenylenediamine dihydrochloride**  
CAS Number: 615-28-1  
Specifications & Purity: Analytical Reagent,99%  
Lot #: E2420028  
SKU #: **P100830**  
Version: **0**  
Analysis #: **143404**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	97.5-102.5 (%)	99.64 %
UV Absorbance 480nm (1 w/v%, H2O)	0-0.05	0.03
Purity(HPLC)	99-100 (%)	99.71500 %
UV Absorbance 420nm (1 w/v%, H2O)	0-0.04	0.02
Appearance (P100830)	White to Pink to Purple Powder or Crystals	White to Pink to Purple Powder or Crystals
Solubility in H2O , Solution transparent	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager