

## Certificate of Analysis

Date of Testing: 2024-06-06 10:25:37  
Date of Next Testing: 2028-06-05 10:25:37  
Product Name: **o-Phenylenediamine dihydrochloride**  
CAS Number: 615-28-1  
Specifications & Purity: Analytical Reagent,99%  
Lot #: E2431353  
SKU #: **P100830**  
Version: **0**  
Analysis #: **361403**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	100.25 %
UV Absorbance 480nm (1 w/v%, H <sub>2</sub> O)	0-0.05	0.00
Purity(HPLC)	99-100 (%)	99.80400 %
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