

## Certificate of Analysis

Date of Testing: 2024-06-01 15:41:15  
Date of Next Testing: 2028-05-31 15:41:15  
Product Name: **p-Phenylenediamine**  
CAS Number: 106-50-3  
Specifications & Purity: Analytical Reagent,97%  
Lot #: E2422341  
SKU #: **P108424**  
Version: **0**  
Analysis #: **357224**  
Storage Temperature: Protected from light,Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	96.5-103.5 (%)	96.90 %
Melting point	140-145 (°C)	141.37000 °C
Purity(GC)	97-100 (%)	99.27 %
Appearance (P108424)	White to Brown to Red Powder or flakes	White to Brown to Red Powder or flakes
Solubility in EtOH , Brown to Dark Red Clear,50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager