

Certificate of Analysis

Date of Testing: 2022-08-20 13:42:43
Date of Next Testing: 2026-08-19 13:42:43
Product Name: **p-Phenylenediamine**
CAS Number: 106-50-3
Specifications & Purity: Analytical Reagent,97%
Lot #: H2217602
SKU #: **P108424**
Analysis: **120500**
Storage Temperature: Protected from light,Argon charged

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(Titration by HClO ₄) | 96.5-103.5 (%) | 98.98 % |
| Purity(GC) | 97-100 (%) | 99.73 % |
| Melting point | 140-145 (°C) | 142.35000 °C |
| Appearance (P108424) | White to Brown to Red Powder or flakes | White to Brown to Red Powder or flakes |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in EtOH , Brown to Dark Red Clear,50mg/ml | pass | Pass |



John Su
QA & QC Manager