

## Certificate of Analysis

Date of Testing: 2023-03-27 12:16:06  
 Date of Next Testing: 2027-03-26 12:16:06  
 Product Name: **4-Chloro-o-phenylenediamine**  
 CAS Number: 95-83-0  
 Specifications & Purity: 97%  
 Lot #: C2323641  
 SKU #: **C122655**  
**Analysis:** **194504**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(O2 AgNO3 titration with after combustion)	96.5-103.5 (%)	98.60 %
Melting point	72-76 (°C)	74.87000 °C
Purity(GC)	97-100 (%)	98.23 %
Appearance (C122655)	Red to Brown to Purple to Black Powder to Chunks	Red to Brown to Purple to Black Powder to Chunks
Solubility in Toluene , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager