

## Certificate of Analysis

Date of Testing: 2023-06-09 17:18:42  
Date of Next Testing: 2027-06-08 17:18:42  
Product Name: **4-Chloro-o-phenylenediamine**  
CAS Number: 95-83-0  
Specifications & Purity: 97%  
Lot #: F23061330  
SKU #: **C122655**  
**Analysis:** **097983**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(O2 AgNO3 titration with after combustion)	96.5-103.5 (%)	98.50 %
Melting point	72-76 (°C)	75.94000 °C
Purity(GC)	97-100 (%)	97.11 %
Appearance (C122655)	Red to Brown to Purple to Black Powder to Chunks	Red to Brown to Purple to Black Powder to Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , very faint turbidity	pass	Pass



John Su  
QA & QC Manager