

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-12 17:10:11  
Date of Next Testing: 2026-08-11 17:10:11  
Product Name: **N-Phenyl-o-phenylenediamine**  
CAS Number: 534-85-0  
Specifications & Purity: 98%  
Lot #: J1825235  
SKU #: **P123018**  
**Analysis:** **124770**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.22 %
Melting point	77-82 (°C)	77.63000 °C
Purity(GC)	98-100 (%)	99.32 %
Appearance (P123018)	White to yellow to Red to dark brown to Purple or pink Crystals or powder or crystalline powder or fused solid	White to yellow to Red to dark brown to Purple or pink Crystals or powder or crystalline powder or fused solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager