

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-12 11:23:39  
 Date of Next Testing: 2030-01-11 11:23:39  
 Product Name: **4,5-Dichloro-o-phenylenediamine**  
 CAS Number: 5348-42-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2607310  
 SKU #: **D111109**  
 Version: **1**  
 Analysis #: **386985**  
 Storage Temperature: Protected from light, Argon charged

| Parameter            | Limit Values                                   | Result                                         |
|----------------------|------------------------------------------------|------------------------------------------------|
| Melting point        | 158-164 (°C)                                   | 158.40000 °C                                   |
| Purity(HPLC)         | 98-100 (%)                                     | 99.14000 %                                     |
| Appearance (D111109) | Light yellow to red to Brown powder to crystal | Light yellow to red to Brown powder to crystal |
| Proton NMR spectrum  | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager