

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-17 14:47:24

Date of Next Testing: 2026-10-17 14:47:24

Product Name: **o-Phenylenediamine(OPD)**

CAS Number: 95-54-5

Specifications & Purity: AR, ≥98%

Lot #: L2412634

SKU # **P103811**

Version **1**

**Analysis #:** **582316**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                     | Limit Values                           | Result                                 |
|-----------------------------------------------|----------------------------------------|----------------------------------------|
| Melting point                                 | 100-105 (°C)                           | 103.07000 °C                           |
| Purity(GC)                                    | 99-100 (%)                             | 99.84500 %                             |
| Infrared spectrum                             | Conforms to Structure                  | Conforms to Structure                  |
| Solubility in EtOH , Colorless to Pale Yellow | pass                                   | Pass                                   |
| Clear(50 mg/ml)                               |                                        |                                        |
| Appearance (P103811)                          | White to tan to brown powder or flakes | White to tan to brown powder or flakes |



John Su  
QA & QC Manager