

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-21 09:37:07

Date of Next Testing: 2027-03-20 09:37:07

Product Name: **m-Phenylenediamine**

CAS Number: 108-45-2

Specifications & Purity:  $\geq 99.5\%$

Lot #: C2316318

SKU #: **P111632**

Version: **0**

Analysis #: **183515**

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

| Parameter            | Limit Values                                        | Result                                              |
|----------------------|-----------------------------------------------------|-----------------------------------------------------|
| Melting point        | 63-67 (°C)                                          | 66.03000 °C                                         |
| Purity(GC)           | 99.5-100 (%)                                        | 99.68900 %                                          |
| Appearance (P111632) | White to off-white to taupe powder, Flakes, Granule | White to off-white to taupe powder, Flakes, Granule |
| Solubility in MeOH   | almost transparency                                 | almost transparency                                 |
| Infrared spectrum    | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager