

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-02 11:30:48

Date of Next Testing: 2029-04-01 11:30:48

Product Name: **m-Phenylenediamine**

CAS Number: 108-45-2

Specifications & Purity:  $\geq 99.5\%$

Lot #: D2501702

SKU #: **P111632**

Version: **0**

Analysis #: **486592**

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

| Parameter            | Limit Values                                        | Result                                              |
|----------------------|-----------------------------------------------------|-----------------------------------------------------|
| Melting point        | 63-67 (°C)                                          | 65.52000 °C                                         |
| Purity(GC)           | 99.5-100 (%)                                        | 99.69800 %                                          |
| 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                               |



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QA & QC Manager