

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-02 18:20:55

Date of Next Testing: 2026-03-01 18:20:55

Product Name: **4-Methylphthalonitrile**

CAS Number: 63089-50-9

Specifications & Purity: 99%

Lot #: B2327787

SKU #: **M171253**

**Analysis:** **126665**

Storage Temperature: Room temperature

| Parameter           | Limit Values                                         | Result                                               |
|---------------------|------------------------------------------------------|------------------------------------------------------|
| Purity(HPLC)        | 99-100 (%)                                           | 99.26600 %                                           |
| Appearance(M171253) | White to off-white solid powder crystals , or chunks | White to off-white solid powder crystals , or chunks |
| Proton NMR spectrum | Conforms to structure                                | Conforms to Structure                                |
| Infrared spectrum   | Conforms to Structure                                | Conforms to Structure                                |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager