

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-19 10:33:16

Date of Next Testing: 2026-11-18 10:33:16

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications &amp; Purity: 96%

Lot #: K2216666

SKU #: **M101231****Analysis: 138504**

| Parameter                                      | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Lambda max.(pH 6.8 buffer sol.)                | 460-470 (nm)          | 465.00 nm             |
| Dye Content                                    | 96-100 (%)            | 99.61 %               |
| Loss on drying                                 | 0-10 (%)              | 3.71 %                |
| Appearance (M101231)                           | orange powder         | orange powder         |
| PH Transition interval,3.1(Red) to 4.4(Yellow) | Conforms              | Conforms              |
| Infrared spectrum                              | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager