



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-21 15:12:46

Date of Next Testing: 2029-06-20 15:12:46

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: $\geq 96\%$

Lot #: F2512196

SKU #: **M101231**

Version: **3**

Analysis #: **443311**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	465.00000 nm
Dye Content	96-100 (%)	99.99000 %
Loss on drying	0-10 (%)	9.89000 %
Appearance (M101231)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,3.1(Red) to 4.4(Yellow)	Conforms	Conforms

John Su
QA & QC Manager