

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-04 10:10:00

Date of Next Testing: 2028-12-03 10:10:00

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: $\geq 96\%$

Lot #: L2402349

SKU #: **M101231**Version: **2**Analysis #: **443311**

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	465.00 nm
Dye Content	96-100 (%)	99.99%
Loss on drying	0-10 (%)	9.89%
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