

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-09 16:57:11

Date of Next Testing: 2029-12-08 16:57:11

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: $\geq 96\%$

Lot #: L2508132

SKU #: **M101231**

Version: **3**

Analysis #: **434864**

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	464.00 nm
Dye Content	96-100 (%)	99.36 %
Loss on drying	0-10 (%)	6.57 %
Appearance (M101231)	orange powder	orange powder
PH(Transition interval,3.1(yellowish red) to 4.4(reddish yellow to yellow))	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager