

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-18 17:11:50

Date of Next Testing: 2026-07-17 17:11:50

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: 96%

Lot #: G2214027

SKU #: **M101231****Analysis: 017257**

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	465.00 nm
Dye Content	96-100 (%)	97.39 %
Loss on drying	0-10 (%)	6.94 %
Appearance (M101231)	orange powder	orange powder
Clarity of solution	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,3.1(Yellowish red) to 4.4(Reddish yellow)	Conforms	Conforms

John Su
QA & QC Manager