

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-25 16:46:12  
Date of Next Testing: 2028-07-24 16:46:12  
Product Name: **Methyl orange**  
CAS Number: 547-58-0  
Specifications & Purity: 96%  
Lot #: G2419016  
SKU #: **M101231**  
Version: **2**  
Analysis #: **392969**

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
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