

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-01-21 14:48:59  
Date of Next Testing: 2029-01-20 14:48:59  
Product Name: **Methyl orange**  
CAS Number: 547-58-0  
Specifications & Purity:  $\geq 96\%$   
Lot #: A2514308  
SKU #: **M101231**  
Version: **3**  
Analysis #: **434864**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	464.00000 nm
Dye Content	96-100 (%)	99.36300 %
Loss on drying	0-10 (%)	6.57019 %
Appearance (M101231)	orange powder	orange powder
PH(Transition interval,3.1(yellowish red) to 4.4(reddish yellow) )	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager