

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-09 15:43:06

Date of Next Testing: 2030-04-08 15:43:06

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: $\geq 96\%$

Lot #: D2602345

SKU #: **M101231**

Version: **3**

Analysis #: **677250**

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 (%)	99.74800 %
Loss on drying	0-10 (%)	5.16450 %
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