

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

Certificate of Analysis

Date of Testing: 2026-04-09 16:58:52
Date of Next Testing: 2030-04-08 16:58:52
Product Name: **Methyl orange**
CAS Number: 547-58-0
Specifications & Purity: $\geq 96\%$
Lot #: D2602383
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