

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-15 08:53:32
Date of Next Testing: 2028-11-14 08:53:32
Product Name: **Methyl orange**
CAS Number: 547-58-0
Specifications & Purity: $\geq 96\%$
Lot #: K2406100
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