

Certificate of Analysis

Date of Testing: 2022-03-08 09:09:44
Date of Next Testing: 2026-03-07 09:09:44
Product Name: **Methyl orange**
CAS Number: 547-58-0
Specifications & Purity: 96%
Lot #: C2202451
SKU #: **M101231**
Analysis: **051444**

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	465.00 nm
Dye Content	96-100 (%)	98.29%
Loss on drying	0-10 (%)	9.08%
Appearance (M101231)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,3.1(Yellowish red) to 4.4(Reddish yellow)	Conforms	Conforms



John Su
QA & QC Manager