

Certificate of Analysis

Date of Testing: 2023-11-06 16:37:14

Date of Next Testing: 2027-11-05 16:37:14

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: 96%

Lot #: K2302064

SKU #: **M101231**

Analysis: 102037

Parameter	Limit Values	Result
Lambda max.(pH 6.8 buffer sol.)	460-470 (nm)	462.00 nm
Dye Content	96-100 (%)	98.84 %
Loss on drying	0-10 (%)	6.80 %
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



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QA & QC Manager