

Certificate of Analysis

Date of Testing: 2024-12-04 10:21:17

Date of Next Testing: 2028-12-03 10:21:17

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: ACS, ≥85%

Lot #: L2402353

SKU #: **M101228**

Version: **0**

Analysis #: **443015**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.9-14.8 (%)	11.11 %
Carbon by Elemental Analysis	43.7-59.1 (%)	44.30 %
Dye Content	85-100 (%)	99.99 %
Appearance (M101228)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Visual Interval,pH 3.0 = Pink or Red	Conforms	Conforms
Visual Interval,pH 3.2 = Pinkish-Orange	Pass	Pass
Visual Interval,pH 4.4 = Yellow	Pass	Pass



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QA & QC Manager