

Certificate of Analysis

Date of Testing: 2025-01-21 14:50:46

Date of Next Testing: 2029-01-20 14:50:46

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: ACS, ≥85%

Lot #: A2514480

SKU #: **M101228**

Version: **0**

Analysis #: **466196**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.9-14.8 (%)	11.25 %
Carbon by Elemental Analysis	43.7-59.1 (%)	45.60 %
Dye Content	85-100 (%)	99.36 %
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



John Su
QA & QC Manager