



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 14:15:39

Date of Next Testing: 2029-03-11 14:15:39

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications & Purity: ACS, $\geq 85\%$

Lot #: F2108160

SKU #: **M101228**Version: **0**Analysis #: **478892**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.9-14.8 (%)	13.80000 %
Carbon by Elemental Analysis	43.7-59.1 (%)	45.60000 %
Dye Content	85-100 (%)	97.30000 %
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