

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-19 08:24:25

Date of Next Testing: 2026-11-18 08:24:25

Product Name: **Methyl orange**

CAS Number: 547-58-0

Specifications &amp; Purity: ACS reagent,85 %

Lot #: K2216695

SKU #: **M101228****Analysis: 157387**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.9-14.8 (%)	13.65 %
Carbon by Elemental Analysis	43.7-59.1 (%)	57.62 %
Dye Content	85-100 (%)	90.20 %
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