

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-07 18:41:01  
Date of Next Testing: 2029-03-06 18:41:01  
Product Name: **Methyl orange**  
CAS Number: 547-58-0  
Specifications & Purity: ACS, ≥85%  
Lot #: B2527359  
SKU #: **M101228**  
Version: **0**  
Analysis #: **017262**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.9-14.8 (%)	13.88 %
Carbon by Elemental Analysis	43.7-59.1 (%)	45.66 %
Dye Content	85-100 (%)	97.39 %
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