

## Certificate of Analysis

Date of Testing: 2022-12-03 15:08:03

Date of Next Testing: 2026-12-02 15:08:03

Product Name: **Ethyl orange**

CAS Number: 62758-12-7

Specifications & Purity: indicator grade

Lot #: L2201287

SKU # **E121941**

**Analysis: 144677**

| Parameter                                       | Limit Values                      | Result                            |
|-------------------------------------------------|-----------------------------------|-----------------------------------|
| Solubility, Clear, Orange to Dark Red           | pass                              | Pass                              |
| Appearance (E121941)                            | Orange to Very Dark Orange Powder | Orange to Very Dark Orange Powder |
| Infrared spectrum                               | Conforms to Structure             | Conforms to Structure             |
| PH Transition interval, 3.4(red) to 4.8(orange) | Conforms                          | Conforms                          |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager