

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-29 17:37:30
Date of Next Testing: 2030-05-28 17:37:30
Product Name: **Orange G**
CAS Number: 1936-15-8
Specifications & Purity: $\geq 96\%$ (HPLC)
Lot #: E2625465
SKU #: **O100205**
Version: **0**
Analysis #: **715436**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--------------------------------------------------------------|---------------------------|---------------------------|
| λ max(H ₂ O) | 476-482 (nm) | 477.00000 nm |
| Absorbance(10mg/L,H ₂ O,476.0-482.0nm)(anhydrous) | >0.4 | 0.51300 |
| Loss on drying | 0-5 (%) | 0.00000 % |
| Dye content(HPLC) | 96-100 (%) | 99.94100 % |
| Appearance (O100205) | orange crystals or powder | orange crystals or powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager