

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-03 11:17:23  
Date of Next Testing: 2029-09-02 11:17:23  
Product Name: **Orange G**  
CAS Number: 1936-15-8  
Specifications & Purity:  $\geq 96\%$ (HPLC)  
Lot #: H2522597  
SKU #: **O100205**  
Version: **0**  
Analysis #: **569818**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
$\lambda$ max(H <sub>2</sub> O)	476-482 (nm)	479.00000 nm
Absorbance(10mg/L,H <sub>2</sub> O,476.0-482.0nm)(anhydrous)	>0.4	0.40100
Loss on drying	0-5 (%)	4.85613 %
Dye content(HPLC)	96-100 (%)	99.80700 %
Appearance (O100205)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager