

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-29 18:33:29  
Date of Next Testing: 2030-05-28 18:33:29  
Product Name: **Orange G**  
CAS Number: 1936-15-8  
Specifications & Purity:  $\geq 96\%$ (HPLC)  
Lot #: E2625467  
SKU #: **O100205**  
Version: **0**  
Analysis #: **715436**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
$\lambda$ max(H <sub>2</sub> O)	476-482 (nm)	477.00000 nm
Absorbance(10mg/L,H <sub>2</sub> 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