

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-29 17:44:09
Date of Next Testing: 2030-05-28 17:44:09
Product Name: **Orange G**
CAS Number: 1936-15-8
Specifications & Purity: $\geq 96\%$ (HPLC)
Lot #: E2625469
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