

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 18:56:46

Date of Next Testing: 2029-11-06 18:56:46

Product Name: **Orange G**

CAS Number: 1936-15-8

Specifications & Purity: $\geq 96\%$ (HPLC)

Lot #: K2506657

SKU # **O100205**Version **0**Analysis #: **604824**

Parameter	Limit Values	Result
λ max(H ₂ O)	476-482 (nm)	477.00 nm
Absorbance(10mg/L,H ₂ O,476.0-482.0nm)(anhydrous)	>0.4	0.54
Loss on drying	0-5 (%)	3.00 %
Dye content(HPLC)	96-100 (%)	96.28 %
Appearance (O100205)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager