

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-04 16:51:28

Date of Next Testing: 2028-12-03 16:51:28

Product Name: **Orange G**

CAS Number: 1936-15-8

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

Lot #: K2429725

SKU #: **O100205**

Version: **0**

Analysis #: **443358**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
λ max(H ₂ O)	476-482 (nm)	476.99115 nm
Absorbance(10mg/L,H ₂ O,476.0-482.0nm)(anhydrous)	>0.4	0.53700
Loss on drying	0-5 (%)	0.41370 %
Dye content(HPLC)	96-100 (%)	99.61000 %
Appearance (O100205)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager