

Certificate of Analysis

Date of Testing: 2024-08-22 15:38:11
Date of Next Testing: 2028-08-21 15:38:11
Product Name: **Orange G**
CAS Number: 1936-15-8
Specifications & Purity: $\geq 96\%$ (HPLC)
Lot #: H2412477
SKU #: **O100205**
Version: **0**
Analysis #: **380456**

Parameter	Limit Values	Result
λ max(H ₂ O)	476-482 (nm)	479.00 nm
Absorbance(10mg/L,H ₂ O,476.0-482.0nm)(anhydrous)	>0.4	0.52
Loss on drying	0-5 (%)	0.21 %
Dye content(HPLC)	96-100 (%)	98.96 %
Appearance (O100205)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager