

## Certificate of Analysis

Date of Testing: 2023-01-13 11:34:38

Date of Next Testing: 2027-01-12 11:34:38

Product Name: **Orange G**

CAS Number: 1936-15-8

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

Lot #: A2309377

SKU #: **O100205**

**Analysis: 143377**

Parameter	Limit Values	Result
$\lambda$ max(H <sub>2</sub> O)	476-482 (nm)	478.00 nm
Absorbance(10mg/L,H <sub>2</sub> O,476.0-482.0nm)(anhydrous)	>0.4	0.49
Loss on drying	0-5 (%)	0.95 %
Dye content(HPLC)	96-100 (%)	99.49 %
Appearance (O100205)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager