

## Certificate of Analysis

Date of Testing: 2022-02-09 13:25:58

Date of Next Testing: 2026-02-08 13:25:58

Product Name: **Orange G**

CAS Number: 1936-15-8

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

Lot #: B2207280

SKU #: **O100205****Analysis: 091610**

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