

Certificate of Analysis

Date of Testing: 2022-12-14 17:56:54

Date of Next Testing: 2026-12-13 17:56:54

Product Name: **Orange G**

CAS Number: 1936-15-8

Specifications & Purity: $\geq 80\%$

Lot #: L2209833

SKU #: **O305986**

Analysis: 144155

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Dye-content(HPLC) | 80-100% | 97.94% |
| Appearance(O305986) | Orange to Red Powder | Orange to Red powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in Water,Orange to Very Dark Orange and Red-Orange,Clear,1mg/ml | Pass | Pass |



John Su
QA & QC Manager