

Certificate of Analysis

Date of Testing: 2025-05-23 17:02:49

Date of Next Testing: 2029-05-22 17:02:49

Product Name: **Orange IV**

CAS Number: 554-73-4

Specifications & Purity: Indicator

Lot #: E2520093

SKU #: **O112780**

Version **1**

Analysis #: **246251**

Parameter	Limit Values	Result
Loss on drying	0-4.5 (%)	0.36 %
Ignition Residue (as sulfate)	20-22.5	21.30
Absorbance(5 mg/L, pH 3.0, 446.0 to 450.0 nm)	≥0.25	0.26
Clarity of solution	pass	Pass
PH Transition interval,1.2(purplish red) - 3.0(yellow)	Conforms	Conforms
Appearance (O112780)	Orange to Brown powder to crystal	Orange to Brown powder to crystal



John Su
QA & QC Manager