

## Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146

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## **Specifications**

## **ORANGE IV**

 Catalog Number:
 OG1003

 C.I. Number:
 13080

 CAS Number:
 554-73-4

Synonyms: Acid Orange 5 Molecular Formula: C18H14N3O3SNa

**Molecular Weight:** 375.39 **Storage:**  $15^{\circ}\text{C} - 30^{\circ}\text{C}$ 

Test	Specification
Appearance:	Yellowish Brown to Orange powder.
Identification (FTIR):	To conform to standard.
Dye Content:	65% minimum
Absorptivity 1%/1 cm	600 minimum
(water, at λ max. 442 nm)	
Loss on drying:	5% maximum
Solubility: 0.1% (DI Water:	Almost Clear Solution
Visual Transition Interval:	From pH 1.4 (red) To pH 2.6 (yellow)

Date: February 20, 2020

Approved by:

John Grubb

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**Quality Manager** 

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