



Specifications

ORANGE IV

Catalog Number: OG1003
C.I. Number: 13080
CAS Number: 554-73-4
Synonyms: Acid Orange 5
Molecular Formula: $C_{18}H_{14}N_3O_3SNa$
Molecular Weight: 375.39
Storage: 15°C – 30°C

Test	Specification
Appearance:	Yellowish Brown to Orange powder.
Identification (FTIR):	To conform to standard.
Dye Content:	65% minimum
Absorptivity 1%/1 cm (water, at λ max. 442 nm)	600 minimum
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)

Approved by:

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