

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Date: April 21, 2020

Specification

Methyl Orange ACS

Catalog Number: MT1006 CAS Number: 547-58-0

Synonym(s): C.I. 13025; Acid Orange 52; Orange III; 4-(Dimethylamino)azo-

benzenesulfonic Acid, Sodium Salt

Molecular Formula: C14H14N3NaO3S

Molecular Weight: 327.34

Test	Specification
Description:	Light to Dark Orange powder
Clarity of Solution:	To Pass ACS Test
Aqueous solubility:	Soluble in 500 parts water;
	More soluble in hot water
Melting Point:	> 300 deg. C
Loss on drying @110 °C/1hr:	< 3%
Visual Transition Interval:	pH 3.2 (pink to light red) to pH 4.4 (yellow)

Approved: John Grubb

John Grubb, PhD Gojira Fine Chemicals

Quality Manager

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