



Specification

Methyl Orange ACS

Catalog Number: MT1006
CAS Number: 547-58-0
Synonym(s): C.I. 13025; Acid Orange 52; Orange III; 4-(Dimethylamino)azobenzenesulfonic 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:

Date: April 21, 2020

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com