

## Gojira Fine Chemicals, LLC

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

## **Specification**

## **Methyl Red Free Acid ACS**

Catalog Number: MR1003 CAS Number: 493-52-7

**Synonym(s):** 2-[4-(Dimethylamino)phenylazo]benzoic acid; C.I. 13020; Acid

Red 2

Molecular Formula: C15H15N3O2

Molecular Weight: 269.30

Test	Specification
Description:	Red to Purple to Maroon crystalline powder
Melting Range:	179 - 182 deg. C
Loss on drying at 110 deg. C (1 hour):	< 5%
Absorptivity 1%, 1cm	To pass test
(pH 6.2) at lambda max 430 nm	> 700
(pH 4.2) at lambda max 527	> 1350
nm	
Clarity of alcohol Solution:	Passes test
Visual Transition Interval:	From pH 4.2 (pink) To pH 6.2 (yellow)

Approved:

John Grubb, PhD Gojira Fine Chemicals

**Quality Manager** 

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