



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 (pH 6.2) at lambda max 430 nm	To pass test
(pH 4.2) at lambda max 527 nm	> 700
Clarity of alcohol Solution:	> 1350
Visual Transition Interval:	Passes test
	From pH 4.2 (pink) To pH 6.2 (yellow)

Approved:

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