

PRODUCT IDENTITY

PRODUCT NAME	Methyl red	PRODUCT NUMBER	M101206
Grades & Purity	ACS	VERSION	3
CAS NUMBER	493-52-7	FORMULA	$(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{N}=\text{NC}_6\text{H}_4\text{CO}_2\text{H}$
FORMULA WEIGHT	269.30g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	179-182 (°C)
Appearance (M101206)	Dark Red to Maroon to Purple Powder or Crystals
Solubility in EtOH , Clear Solution With Faint or Insoluble Matter,0.1%	pass
Visual Interval(PH 4.2 =Pink)	Pass
Visual Interval(PH 5.5 =Orange)	Pass
Visual Interval(PH 6.2 =Yellow)	Pass