

Specification

Technical Data Sheet

Product Name	Methyl Red (C.I. 13020)
Product No	27397766
CAS Number	493-52-7
Storage Temperature	Ambient
Molecular Weight	269.30
	Specification
Appearance	Red to Violet crystals/ crystalline powder
Loss on Drying	≤ 5.0% (110°C, 60min)
Melting Point	178 - 180°C
Absorption maxima (buffer pH4.2)	523 - 528 nm
Absorption maxima (buffer pH6.2)	427 - 437 nm
Dye Content	≥ 95.0% (Spectrophotometry)

Specification

Solubility at 0.1% (95% Ethanol) Clear Red Solution

Transition Range pH 4.2 - 6.2 Pink-Yellow
