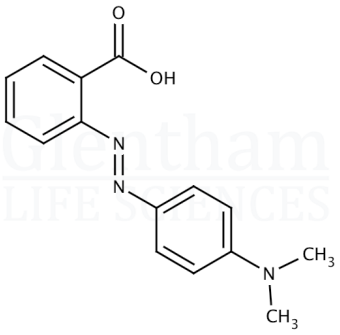
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Product Specification

Product Name	Methyl Red (C.I. 13020)
Glentham Code	GT1411
CAS Number	493-52-7
EINECS	207-776-1
Colour Index	13020
MDL Number	MFCD00002425
PubChem SID	310277044
Molecular Weight	269.30
Molecular Formula	$C_{15}H_{15}N_3O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	Red to dark red or purple powder
Solubility (0.1% in ethanol)	Clear, red solution
pH Transition Range	4.2 - 6.2 (pink/red to yellow)
Wavelength(s) of Maximum Absorption	λmax1: 429.0 - 435.0 nm
	λmax2: 523.0 - 529.0 nm
Absorptivity (1%/1cm)	700 - 800 (at λmax1, pH 6.2)
	1300 - 1400 (at λmax2, pH 4.2)
Loss on Drying	≤ 3.0% (110°C, 1h)

Specification Version	-	v1.0
Date Created	-	2016-06-17

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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