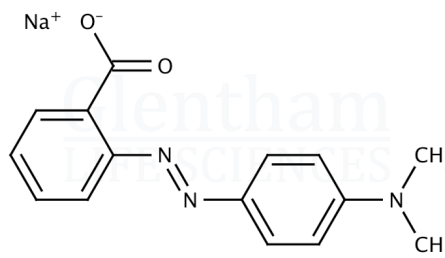


## Product Specification

Product Name	Methyl Red sodium salt (C.I. 13020)
Glentham Code	GT3952
CAS Number	845-10-3
EINECS	212-682-9
Colour Index	13020
MDL Number	MFCD00002426
PubChem SID	310277046
Molecular Weight	291.29
Molecular Formula	$C_{15}H_{14}N_3NaO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	Yellow to orange powder
Solubility (0.1% in water)	Clear solution
pH Transition Range	4.2 - 6.2 (violet/red - brown/yellow)
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	430.0 - 434.0 nm (in water)
Absorptivity (1%/1cm)	$\geq 585$ (at $\lambda_{max}$ )
Loss on Drying	$\leq 5.0\%$
Dye Content (Spectrophotometry)	$\geq 90\%$

Specification Version	- v1.0
Date Created	- 2016-05-10

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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