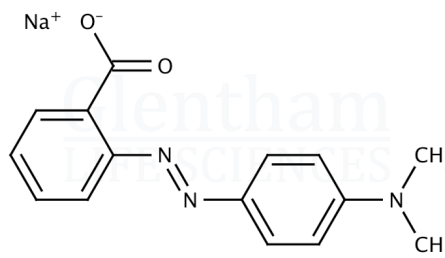


Product Specification

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 (λ_{max})	430.0 - 434.0 nm (in water)
Absorptivity (1%/1cm)	≥ 585 (at λ_{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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025