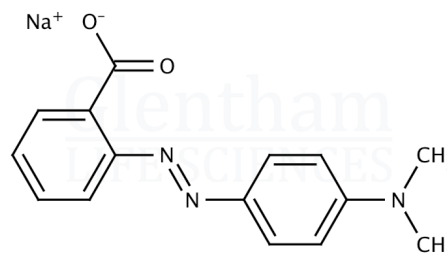


Certificate of Analysis

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
Batch Number	577IMG

Molecular Weight	291.29
Molecular Formula	$C_{15}H_{14}N_3NaO_2$
Storage Temp.	+20°C



Property	Specification	Batch 577IMG
Physical Description	Yellow to orange powder	Orange powder
Solubility (0.1% in water)	Clear solution	Clear, colourless solution
pH Transition Range	4.2 - 6.2 (violet/red - brown/yellow)	Conforms
Wavelength of Maximum Absorption (λ_{max})	430.0 - 434.0 nm (in water)	430.40nm
Absorptivity (1%/1cm)	≥ 585 (at λ_{max})	611
Loss on Drying	$\leq 5.0\%$	3.61%
Dye Content (Spectrophotometry)	$\geq 90\%$	94%

Specification Version	v1.0
Manufacture Date	2019-04-01
Re-Test Date	2030-03-06

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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