

Certificate Of Analysis

Methyl orange
Analytical Reagent

Manufacture date : 07/2014
Expiry date : 07/2019

Product code: 413170100
C.A.S. : 547-58-0
EINECS : 208-925-3
Batch N°: L413170100-0714-011
Formula: C₁₄H₁₄N₃NaO₃S
Mass weight : 327.33

Analysis :

Dye content %	Min 95
Solubility 0.1% in water	Clear solution
Transition range (pH 3.1 - 4.4)	Pink -Orange-Yellow
Absorption maxima (pH 3.1) 1	Max. 501 - 504 nm
Absorption maxima (pH 4.4) 2	Max. 467 - 471 nm
Absorptivity maximum (A1%/1 cm at pH 3.1, at 1 max)	1050 - 1150
Absorptivity maximum (A1%/1cm at pH 4.4, at 2 max)	750 - 850
Loss on drying (at 110 °C) %	Max 3



H301
P264-P270-P301-P310-P321
P405-P501A

Complies with EP standard.

The product is certified by *Biochem* Chemopharma laboratory.

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