



CERTIFICATE OF ANALYSIS

Date: 03/02/16

PRODUCT NAME : METHYL ORANGE INDICATOR

CAS No : 547- 58- 0 Product code : 31960
Mol. Formula : $C_{14}H_{14}N_3NaO_3S$ Batch No : MCR-11133
Mol. WT : 327.33 Mfd. : Feb. 2016
Exp. : Jan. 2021

S. R	Test	Specification	Observation
1	Transition interval from pH 2.8 – 4.6	orange red to orange yellow	orange red to orange yellow
2	Specific Absorptivity A 1%/1cm λ_{max} at 501 to 504 nm in pH buffer 3.1	880 - 1150	880
3	Specific Absorptivity A 1%/1cm λ_{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	789.47
4	Loss on drying at 105° C	max. 5%	4.2%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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