



CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHYL ORANGE INDICATOR

CAS No : 547- 58- 0
Mol. Formula : $C_{14}H_{14}N_3NaO_3S$
Mol. WT : 327.33
Date of analysis : 13/02/19

Product code : 31960
Batch No : MCR-18022
Mfd. : Feb. 2019
Exp. : Jan. 2024

S. R	Test	Specification	Observation
1	Description	Orange or orange yellow or reddish coloured powder.	Orange coloured powder.
2	Transition interval from pH 2.8 – 4.6	orange red to orange yellow	Orange red to orange yellow
3	Specific Absorptivity A 1%/1cm λ_{max} at 501 to 504 nm in pH buffer 3.1	880 - 1150	1043.22
4	Specific Absorptivity A 1%/1cm λ_{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	819.25
5	Loss on drying at 105° C	5% max.	1.80%

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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