



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 : 31/10/22

Product code : 31960
Batch No. : MCR-23792-01
Mfd. : Oct. 2022
Exp. : Sept. 2027

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	1044.48
4	Specific Absorptivity A 1%/1cm λ_{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	832.99
5	Loss on drying at 105° C	5% max.	0.82%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Mayuri)**

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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