

CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHYL ORANGE INDICATOR

CAS No	: 547-58-0	Product code	: 31960
Mol. Formula	: C ₁₄ H ₁₄ N ₃ NaO ₃ S	Batch No	: MCR-25068-01
Mol. WT	: 327.33	Mfd.	: Dec. 2023
Date of analysis	: 09/12/23	Exp.	: Nov. 2028

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	969
4	Specific Absorptivity A 1%/1cm λ _{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	828
5	Loss on drying at 105° C	5% max.	2.28%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

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

Note: Computer generated image requires no sign.

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