



CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHYL ORANGE INDICATOR

CAS No : 547-58-0

Mol. Formula : C₁₄H₁₄N₃NaO₃S

Mol. WT : 327.33

Date of analysis : 10/08/23

Product code : 31960

Batch No. : MCR-27295-01

Mfd. : Aug. 2023

Exp. : July 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	938
4	Specific Absorptivity A 1%/1cm λ_{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	768.77
5	Loss on drying at 105° C	5% max.	1.67%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Nikita)**

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

Note: Computer generated image requires no sign.

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