



CERTIFICATE OF ANALYSIS

Date: 31/01/18

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-11881-01
Mol. WT	: 327.33	Mfd.	: Jan. 2018
Exp.	: Dec. 2022		

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	962.41
3	Specific Absorptivity A 1%/1cm λ_{max} at 467 to 471 nm in pH buffer 4.4	640 – 850	774.56
4	Loss on drying at 105° C	max. 5%	4.4%

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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