



CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHYL RED INDICATOR AR

CAS No	: 493-52-7	Product code	: 31980
Mol. Formula	: C₁₅H₁₅N₃O₂	Batch No	: MCR-31433
Mol. WT	: 269.31	Mfd.	: July 2024
Date of analysis	: 08/07/24	Exp.	: June 2029

S.R	Test	Specification	Observation
1	Description	Red , maroon to maroon red or brown to brownish red ,purple or violet colour powder .	Purple colour powder .
2	Transition interval from pH 4.2 –6.3	Reddish pink to yellow	Reddish pink to yellow
3	Specific Absorptivity A 1%/1cm λ_{max} at 523-526 nm in pH buffer 4.5 (on dry basis)	1300 - 1500	1356.57
4	Specific Absorptivity A 1%/1cm λ_{max} at 427-437 nm in pH buffer 6.2 (on dry basis)	650 - 850	735.06

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

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

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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