



CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHYL RED INDICATOR AR

CAS No	: 493-52-7	Product code	: 31980
Mol. Formula	: C₁₅H₁₅N₃O₂	Batch No	: MCR-17547-02
Mol. WT	: 269.31	Mfd.	: Dec. 2022
Date of analysis	: 07/12/22	Exp.	: Nov. 2027

S. R	Test	Specification	Observation
1	Description	Red , maroon to maroon red or brown to brownish red colour powder .	Maroon 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	1318.72
4	Specific Absorptivity A 1%/1cm λ_{max} at 427-437 nm in pH buffer 6.2 (on dry basis)	650 - 850	691.86

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Priti)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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