

CERTIFICATE OF ANALYSIS

Product Name : METHYL RED INDICATOR AR
Lot No. : A360832104. Analyzed On : 06-Apr-2021
Mol. Formula : C₁₅H₁₅N₃O₂ Mol. Weight : 269.31
Code No. : 04675 CAS No. : 493-52-7
Mfg. Date : Apr-2021 Exp. Date : Mar-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Dark red to maroon to violet or purple powder or crystals	Dark purple powder
2	Identity	Passes test	Passes test
3	pH transition range (4.4 - 6.2)	Red - yellow orange	Red - yellow orange
4	Insoluble matter in ethanol (1 g/L)	Passes test	Passes test
5	Absorption maxima (buffer pH 4.5)	523 - 526 nm	525.80nm
6	Absorption maxima (buffer pH 6.2)	427 - 437 nm	432.40 nm
7	Loss on drying (at 110°C)	Max 5.0%	1.07%
8	Residue on ignition (as SO ₄)	Max 2.0%	0.39%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

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