

CERTIFICATE OF ANALYSIS

ISO 9001-2015 CERTIFIED

Product Name : METHYL RED INDICATOR AR C.I.No.13020
Batch No. : A606432604
Release Date : 11-Apr-2026
Mol. Formula : C₁₅H₁₅N₃O₂
Code No. : 04675
Mol. Weight : 269.31
Mfg. Date : Apr-2026
CAS No. : 493-52-7
Exp. Date : Mar-2031
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 (4.2 - 6.2)	Pink Red – yellow orange	Complies
4	Insoluble matter in ethanol (1 g/L)	Passes test	Passes test
5	Absorption maxima (buffer pH 4.2)	523 - 526 nm	525.5nm
6	Absorption maxima (buffer pH 6.2)	427 - 437 nm	431.5nm
7	Loss on drying (at 110°C)	Max 5.0%	1.81%
8	Residue on ignition (as SO ₄)	Max 2.0%	0.97%

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



Varsha
Chemist



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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