



CERTIFICATE OF ANALYSIS

Product Name : METHYL ORANGE INDICATOR ACS
C.I.No.13025

Lot No. : C404072202 Analyzed On : 04-Feb-2022

Mol. Formula : C₁₄H₁₄N₃NaO₃S Mol. Weight : 327.33

Code No. : 04670 CAS No. : 547-58-0

Mfg. Date : Feb-2022 Exp. Date : Jan-2027

HAZ. / P.G. : 6.1 / III UN No. : 3143

Sr.	Tests	Specifications	Results
1	Appearance	Yellowish-orange colored powder	Orange colored powder
2	Identity (IR)	Conforms to structure	Conforms to structure
3	Solubility (0.1 % in water)	Clear (passes ACS test)	Clear (passes ACS test)
4	Visual transition range	from pH 3.2 (pink or red) to pH 4.4 (yellow-orange)	Passes test
5	Absorption maxima in 0.01 N NaOH	461 to 469 nm	464.0 nm

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

Dnyaneshwar
Chemist

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

05/26.10.2021