

# SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106, 107 & 110, 1ST FLOOR, BHODAPADA,

SATIVALI ROAD, VASAI (EAST), PALGHAR - 401 208. MH, INDIA

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## Certificate Of Analysis

| PRODUCT NAME            | METHYL RED (INDICATOR)                                        |
|-------------------------|---------------------------------------------------------------|
| CAS NUMBER              | 493-52-7                                                      |
| MOLECULAR FORMULA       | C <sub>15</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> |
| MOLECULAR WEIGHT (M.W.) | 269.31                                                        |
| C.I. NUMBER             | 13020                                                         |
| BATCH NUMBER            | MR092528                                                      |
| MFG DATE                | SEPTEMBER 2025                                                |
| BEST BEFORE             | AUGUST 2030                                                   |
| PRODUCT CODE            | M0137700100                                                   |

| DESCRIPTION                      | LIMITS                   | RESULTS         |
|----------------------------------|--------------------------|-----------------|
| DESCRIPTION                      | DARK RED TO BROWN POWDER | DARK RED POWDER |
| DYE CONTENT BY SPECTROPHOTOMETRY | >95.0%                   | 96.7%           |
| SOLUBILITY 0.1% ETHANOL          | PASSES TEST              | PASSES TEST     |
| TRANSITION RANGE                 | PH 4.5-6.2               |                 |
|                                  | RED- YELLOW              | PASSES TEST     |
| ABSORPTIVITY (A1%/1C.M.)         |                          |                 |
| AT MAX 524.2 NM (PH 4.5)         | >1330                    | 1354            |
| AT MAX 432.6 NM (PH 6.2)         | >700                     | 770             |
| LOSS ON DRYING (110°C )          | < 5%                     | 2.23%           |

### DISCLAIMER:

- SUVCHEM™ Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- SUVCHEM™ shall not be responsible for any damage resulting from handling or from contact with the above product.