

CIN No: U24110TG1978PTC002255  
GSTIN No. : 36AACCS8670F1Z5



# SALICYLATES AND CHEMICALS

## PRIVATE LIMITED





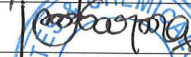
ISO 9001:2015  
045

### CERTIFICATE OF ANALYSIS

|                        |                           |                               |          |
|------------------------|---------------------------|-------------------------------|----------|
| <b>Product Name</b>    | SALIGIN MPS               |                               |          |
| <b>Chemical Name</b>   | SODIUM METHYL PARABEN USP |                               |          |
| <b>Batch / Lot No.</b> | 311/MS/1024               | <b>A.R. No.</b>               | 24MS2339 |
| <b>Mfg. Date</b>       | OCT, 2024                 | <b>Total Batch Qty.</b>       | 450 KGS  |
| <b>Exp. Date</b>       | SEP, 2029                 | <b>Dispatch / Sample Qty.</b> | 450 KGS  |

| TEST                        | SPECIFICATIONS  | RESULTS                               |
|-----------------------------|---|---------------------------------------|
| Description                 | White, hygroscopic powder.  | Complies                              |
| Solubility                  | Freely soluble in water; sparingly soluble in alcohol; insoluble in fixed oils.   | Complies                              |
| Identification              | A. Infrared absorption: The IR absorption spectrum of a mineral oil dispersion of the Sample exhibits maxima only at the same wavelengths as those of a similar preparation of the Standard.<br>B. Color test: A platinum wire dipped in the Sample solution imparts an intense, persistent yellow color to a non luminous flame. | Complies<br>Complies                  |
| pH                          | 9.5 - 10.5  | 9.73                                  |
| Assay by Residual titration | Methylparaben Sodium contains NLT 98.5% and NMT 101.5% of Methylparaben sodium (C <sub>8</sub> H <sub>7</sub> NaO <sub>3</sub> ), calculated on the anhydrous basis.  | 99.6%                                 |
| Related substance by HPLC*  | p-Hydroxybenzoic acid – NMT 3.0%<br>Unspecified impurities – NMT 0.5%<br>Total unspecified impurities – NMT 1.0%  | 1.07%<br>Not detected<br>Not detected |
| Completeness of Solution    | Meets the requirements.   | Complies                              |
| Chloride                    | NMT 0.035%  | < 0.035%                              |
| Sulfate                     | NMT 0.12%   | < 0.12%                               |
| Water Determination         | NMT 5.0%  | 1.24%                                 |
| Assay                       | 95.0% - 102.0% on the anhydrous basis.  | 96.5%                                 |
| Residual solvents by GC-HS* | Methanol – NMT 3000 ppm   | < 3000 ppm                            |

**Remark: The above batch complies with the prescribed standards of quality as per USP-NF Standard.**

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|---|---|---|
|  |  |  |
| PREPARED BY<br>K. JAGAN   | CHECKED BY<br>CHANDRASEKHAR. MVP  | APPROVED BY<br>P. N. SHARMA   |
| QUALITY CONTROL   | QUALITY CONTROL   | QUALITY ASSURANCE   |
| 19/10/2024  | 19/10/2024  | 19/10/2024  |

**Corp. & Regd Office :** Plot No. 30, Sy.No.124, Tech Park, Nacharam,  
Hyderabad - 500 076, Telangana, INDIA.

**Works :** A-25, Road No. 18, IDA Nacharam, Hyderabad - 500 076.  
Tel. : +91-40-27171550, 27174691, E-mail : corporate@salicylates.net  
Website : www.preservativesindia.com