

### Certificate of Analysis

**Product: Methyl Salicylate 99%**  
**Item Number: MESLM**  
**Grade: USP/NF/FCC**  
**Lot Number: 5000917/1.1**  
**Manufacture Date: 03/01/2024**  
**Expiration Date: 02/28/2029**  
**Country of Origin: India**

| Tested Property                | Specification                                     | Analysis |
|--------------------------------|---|----------|
| Assay by HPLC                  | 98.0 - 102.0%                                     | 99.75    |
| Appearance                     | Colorless, yellowish or reddish liquid            | Pass     |
| Description                    | Have characteristic odor and taste of wintergreen | Pass     |
| Boiling point                  | 219 - 224°C                                       | Pass     |
| Solubility                     | Soluble in alcohol and in glacial acetic acid     | Pass     |
| Solubility in Water            | Slightly soluble                                  | Pass     |
| Identification as per USP-A    | Pass the reference standard                       | Pass     |
| Identification as per USP-B    | Pass the reference standard                       | Pass     |
| Salicylic Acid by HPLC         | <0.1%   | 0.016    |
| Dimethyl 4-hydroxyisophthalate | <0.5%   | 0.044    |
| Heavy Metals                   | <20 ppm   | Complies |
| Solubility in 70% alcohol      | Solution shows not more than a slight cloudiness  | Pass     |
| Specific Gravity at 25°C       | 1.180 - 1.185                                     | 1.182    |
| Angular Rotation               | Is optically inactive                             | Pass     |
| Phenol                         | <150 ppm  | 29       |
| Acid Value                     | <1.0 mg of KOH/gm                                 | 0.69     |
| Refractive index at 20°C       | 1.535 - 1.538                                     | 1.535    |

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

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