



**SUNTRAN**  
CHEMICAL 新川化工

## SUNTRAN INDUSTRIAL GROUP LIMITED

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# Certificate of Analysis

|       |  |                                                         |
|-------|--|---------------------------------------------------------|
| Photo |  | Product: <b>Methyl Salicylate, USP30</b>                |
|       |  | Shipping Mark :                                         |
|       |  | Packing: 250kgs Drum                                    |
|       |  | Q'ty: 15000KGS; Invoice #: S21EG-5258                   |
|       |  | Batch No: 20220118                                      |
|       |  | Analysis Date: Jan. 20, 2022                            |
|       |  | Mfg Date: Jan. 18, 2022                                 |
|       |  | Expiry Date: Jan. 17, 2025 - Retest Date: Jan. 17, 2026 |

### TEST DATA

| No. | Item                                    | Standard(USP30)                                                                                                                                                                                                                                  | Test Result             |
|-----|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 1   | IDENTIFICATION                          | HEAT 0.25ML WITH 2ML OF DILUTE SODIUM HYDROXIDE SOLUTION R ON WATER BATH ADD 3ML OF DILUE SULPHURIC ACID R, A CRYSTALLINE PRECIPITATE IS FORMED, FILTER, THE PRECIPITATE WASHED WITH WATER R AND DRIED AT 100°C TO 105°C MELTS AT 156°C TO 161°C | PASS TEST               |
| 2   | APPEARANCE                              | CLEAR, COLORLESS LIQUID                                                                                                                                                                                                                          | CLEAR, COLORLESS LIQUID |
| 3   | ASSAY                                   | 99.0%-100.5%                                                                                                                                                                                                                                     | 99.80%                  |
| 4   | ACIDITY: [0.1N NaOH]/5.0G               | 0.4 ML MAX.                                                                                                                                                                                                                                      | 0.1                     |
| 5   | RELATIVE DENSITY                        | 1.180 TO 1.185                                                                                                                                                                                                                                   | 1.183                   |
| 6   | REFRACTIVE INDEX                        | 1.535 TO 1.538                                                                                                                                                                                                                                   | 1.536                   |
| 7   | HEAVY METALS                            | 0.002%(20PPM) MAX                                                                                                                                                                                                                                | <20 PPM                 |
| 8   | SOLUBILITY                              | COMPLETE & CLEAR<br>1:7 ML OF 70% ETHANOL                                                                                                                                                                                                        | COMPLETE & CLEAR        |
| 9   | ANGULAR ROTATION                        | OPTICALLY INACTIVE                                                                                                                                                                                                                               | PASS TEST               |
| 10  | ORGANIC VOLATILE IMPURITIES (METHOD IV) | MEETS THE REQUIREMENTS                                                                                                                                                                                                                           | PASS TEST               |

Conclusion: This batch complies with the specification USP30.

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新川實業國際有限公司

邵水平

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Checked By: Jerry Cheng

Approved By: Ying Dai

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