



SUNTRAN
CHEMICAL 新川化工

SUNTRAN INDUSTRIAL GROUP LIMITED

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Certificate of Analysis

Photo		Product: Methyl Salicylate, USP30
		Shipping Mark :
		Packing: 250kgs Drum
		Q'ty:20000KGS; Invoice #: S21EG-1656
		Batch No: 2106021
		Analysis Date: Jun. 21, 2021
		Mfg Date: Jun. 12, 2021
		Expiry Date: Jun. 11, 2024

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 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.

新川實業國際有限公司

邵水平

Analyzed By: Feng Xu

Checked By: Jerry Cheng

Approved By: Ying Dai

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