



Tilley Distribution, Inc.  
355 Chestnut St  
Norwood, NJ 07648

# Specification

## METHYL SALICYLATE USP-NF

10177-01-F55PTA

**EU CAS#:** 119-36-8

**FEMA #:** 2745

**US CAS#:** 119-36-8

### Product Details

MOLECULAR FORM	C8 H8 O3	BOILING POINT (C)	223
MOLECULAR WGT	152.15	FLASH POINT (F)	205
MELTING POINT (C)	-9	SHELF LIFE (Days)	730
PHYSICAL STATE	LIQUID		

### Specifications

Test	Specification	Method
<b>ODOR</b> Ofactory assessment	CHARACTERISTIC WINTERGREEN ODOR	ORGANOLEPTIC
<b>COLOR</b> Visual inspection	CLEAR COLORLESS TO PALE PINKISH/YELLOW LIQUID	VISUAL
<b>SPECIFIC GRAVITY (25C)</b>	1.180 - 1.185	FCC METHOD
<b>REFRACTIVE INDEX (20C)</b>	1.535 - 1.538	FCC METHOD
<b>PURITY (BY GC)</b> RENTENTION TIME OF SAMPLE MUST MATCH THAT OF STANDARD	99.00 % MINIMUM	QC_30.M
<b>GC COMPONENT 1</b> SALICYLIC ACID	0.000 - 0.100 %	QC_30.M
<b>GC COMPONENT 2</b> DIMETHYL 4 HYDROXYISOPHTHALATE	0.000 - 0.500 %	QC_30.M
<b>ACID VALUE</b>	0.0 - 1.0 MGKOH/G	FCC METHOD
<b>SOLUBILITY</b> VENDOR C of A	SOLUBLE IN ALCOHOL, ACETIC ACID INSOLUBLE IN WATER	FCC METHOD
<b>ASSAY</b> FCC M-2a, Appendix XI.	98.0 - 102.0 %	FCC METHOD
<b>ID A (IR ABSORPTION)</b> FCC Spectrophotometric Identification Tests, Appendix IIIC	CONFORMS	FCC METHOD
<b>OPTICALLY INACTIVE</b> VENDOR C of A	CONFORMS	FCC METHOD
<b>RESIDUAL SOLVENTS</b> VENDOR C of A	CLASS II - METHANOL < 3000 PPM	FCC METHOD

**Quality Director:**  
**James Koestler**

**Spec ID.** STD

**Ver. #** 1

**Ver. Date** 7/20/2023

## Specifications

Test	Specification	Method
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## Stability and Storage Conditions

STABLE UNDER NORMAL CONDITIONS

## COMMENT

PRODUCT MEETS THE REQUIREMENTS SET FORTH BY USP42-NF37 AND FCC 12TH EDITION

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**Ver. Date** 7/20/2023