LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Methyl Salicylate 99% USP/NF/FCC Grade, Kosher, Halal
Item Number: MESLM
CAS#: 119-36-8
Grade: NF,USP/FCC
Lot Number: 5001605/1.1
Manufacture Date: 03/01/2025
Expiration Date: 02/01/2030
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	Max 0.1%	0.064%
Dimethyl 4-hydroxyisophthalate	Max 0.5%	0.054%
Heavy Metals	Max 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	Max 150 ppm	74 ppm
Acid Value	<1.0 mg of KOH/gm	0.66 mg of KOH/gm
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

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