



PRODUCT SPECIFICATION SHEET

Methyl Salicylate

USP/NF/FCC Grade

Not imported/FDA cleared for pharmaceutical

Test	Specification	Typical Results
Assay by HPLC, %	98.0 - 102.0	99.64
Description	Colorless, yellowish or reddish liquid, having characteristic odor and taste of wintergreen. It boils 219°C to 224°C	Pass
Solubility	Soluble in alcohol and in glacial acetic acid; slightly soluble in water.	Pass
Identification as per USP-A	The IR absorption spectrum of the film exhibits maxima only at the same wavelengths as that of a similar preparation of Methyl Salicylate reference standard.	Pass
Identification as per USP-B	Chromatographic Identity of the major peak of the sample solution corresponds to that of the standard solution.	Pass
Salicylic Acid by HPLC, %	Not more than 0.1 %	0.0848
Dimethyl 4 hydroxyisophthalate, %	Not more than 0.5	0.0911
Heavy Metals, ppm	Not more than 20	Complies
Solubility in 70% alcohol	One volume of synthetic Methyl Salicylate dissolves in seven volume of 70 % alcohol, the solution shows NMT a slight cloudiness.	Pass
Specific Gravity at 25°C	1.180 - 1.185	1.182
Angular Rotation	Is optically inactive	Pass
Phenol, ppm	Not more than 150	09
Acid Value, Mg of KOH/gm	<1.0	0.65
Refractive index at 20°C	1.535 - 1.538	1.535

Appropriate/legal use of this product is the responsibility of the user