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Product Specifications

Catalogue Number	33428
Product	Methyl salicylate EP / USP / NF 2-Hydroxybenzoic acid methyl ester Methyl 2-hydroxybenzoate
CAS Number	119-36-8
Molecular Formula	C ₈ H ₈ O ₃
Molecular Weight	152.15
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Warnings	Light sensitive!
Appearance	Colorless or slightly yellowish liquid
Appearance of Solution	The solution is clear and not more intensely colored than reference solution Y7
Solubility	Very slightly soluble in water, miscible with ethanol (96%) and with fatty and essential oils. Soluble in alcohol and in glacial acetic acid, slightly soluble in water
Odor	Wintergreen
Specific Gravity	1.180 - 1.185
Refractive Index	n _{20D} 1.535 - 1.538
Heavy Metals	≤ 20 µg/g
Acidity	≤ 0.4 mL of 0.1 M sodium hydroxide is required to restore the blue color
Optical Rotation	The angular rotation not exceeding -1.5 ° in 100 mm tube
Infrared Spectrum	Conforms to structure
Related Substances	Limit of Salicylic acid : ≤ 0.1% Limit of Dimethyl-4-hydroxyisophthalate : ≤ 0.5%
Assay by titration	99.0 - 100.5%
Purity by HPLC	98 - 102%

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Grade	EP/USP/NF
Storage	Store at RT
Additional Information	Taste : Wintergreen Solubility in 70% alcohol : The solution should have not more than a slight cloudiness Identification B, D : To pass test Melting point of the precipitate is 156 - 161 °C

For Laboratory Use Only