

	Certificate of Analysis	
Product Name:	Spearmint Organic Essential Oil	
Latin Binomial/INCI:	Mentha Spicata	
Cultivation:	100% Organic	
Product Code/Lot Number:	4890-AZFB	
Material:	Blossom and Plant	
Country of Origin:	INDIA	
Date of Production:	January 6, 2025	
Retest Date:	January 6, 2028	
	Expected	Result
Shacification		
Color:	Colorless or pale Yellow	PASSED
Color: Odor:	Colorless or pale Yellow Characteristic, Warm, Sharp	
Color: Odor: Appearance:	Colorless or pale Yellow	PASSED PASSED
Color: Odor: Appearance: Specific Gravity at 20°C	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid	PASSED PASSED PASSED
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950	PASSED PASSED PASSED 0.924
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone	PASSED PASSED PASSED 0.924 1.489 60.86%
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91%
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene Cis-Dihydro-Carvone	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91% 2.26%
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91%
Refractive Index at 20°C	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene Cis-Dihydro-Carvone Myrcene	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91% 2.26%
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene Cis-Dihydro-Carvone	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91% 2.26%
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS No GMO Materials Used:	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene Cis-Dihydro-Carvone Myrcene LISTED NONE	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91% 2.26% 2.36% PASSED PASSED PASSED
Color: Odor: Appearance: Specific Gravity at 20°C Refractive Index at 20°C TEST High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Colorless or pale Yellow Characteristic, Warm, Sharp Mobile Liquid 0.890 – 0.950 1.460 – 1.500 Carvone D-Limonene Cis-Dihydro-Carvone Myrcene	PASSED PASSED PASSED 0.924 1.489 60.86% 20.91% 2.26% 2.36% PASSED

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