



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Peppermint Essential Oil

(*Mentha piperita*)

PRODUCT DETAILS					
Oil Name	MENTHA PIPERITA ORGANIC				
Country of origin	India				
Batch Number	061022-1				
Identification	CAS: 84082-70-2		EC: 282-015-4		
	Alt CAS: 8006-90-4		FEMA: 2848		
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE			RESULTS	
Appearance	Liquid			Conforms	
Colour	Colourless to Pale Yellow			Conforms	
Odour	Minty			Conforms	
Relative Density @ 25°C	0.885 - 0.915			0.904	
Refractive Index @ 20°C	1.445 - 1.470			1.4589	
Flash Point °C	≥75			Conforms	
Optical Rotation °C	-2 to -35			-22	
MAIN CONSTITUENTS					
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS
L-Menthol 30-55%	35.80%	Trans Menthone 12-33%	26.70%	1,8-Cineole 2-10%	5.70%
Menthyl Acetate 2-10%	5.10%	d,l-Isomenthone 1-6%	4.50%	Beta Caryophyllene 0.01-3.5%	3.10%
Limonene 0.01-3%	2.70%	Neo-Menthol 2-8%	2.70%	Menthofuran 0.01-9%	3.40%
STORAGE AND SHELF LIFE					
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.				
Shelf Life	Up to 36 Months unopened and stored as above.				

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Where NHR make a declaration that allergenic material is not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.