



Life - Health - Beauty

Certificate of Analysis

PRODUCT DETAILS					
Product Name	LEMONGRASS OIL ORGANIC				
Product Code	OCLEMOGRAS				
Batch Number	4361701				
Best Before End	June 2022				
Identification	CAS No: 91844-92-7 EINECS No: 943-552-6				
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE	RESULTS			
Appearance	Liquid	Conforms			
Colour	Yellow to Orange Yellow	Conforms			
Odour	Characteristic, Sweet, Citrus	Conforms			
Relative Density @ 20°C	0.869 - 0.910	0.8957			
Refractive Index @ 20°C	1.460 - 1.490	1.4838			
Optical Rotation °	-4 to +4	-1.9			
MAIN CONSTITUENTS					
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS
Citral 65 - 85%	70.80%	Geraniol 2 - 10%	7.60%	Geranyl Acetate <0.01 - 6%	5.90%
Beta Caryophyllene 0.5 - 3%	2%	Cadinenes <0.01 - 3%	1.90%	Camphene 0.5 - 3%	1.00%
6-methyl-5-hepten-2-one <0.01 - 3%	1.50%	Linalool <0.01 - 3%	1.20%	Dipentene 1 - 11%	0.30%
Nan-4-one <0.01 - 2.5%	0.90%	Caryophyllene Oxide <0.01 - 0.5%	ND	Trans-Ocimene <0.01-1%	0.20%
Alpha Pinene <0.01 -2%	0.20%	Citronellal <0.01-1%	0.30%	Eugenol <0.01-0.5%	0.50%
Terpineol <0.01-1%	ND	A Terpinolene <0.01-1%	0.10%	Citronellol <0.01-1.5%	ND
Nerol <0.01-1%	Traces				
STORAGE AND SHELF LIFE					
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.				

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are 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.

Date: 27/07/2017

Re: GMO – Lemongrass Essential Oil, Organic

We can confirm that the Lemongrass Essential Oil, Organic (Cananga Odorata Flower Oil) supplied by the MADAR Corporation Limited is not produced from a raw material that has been genetically modified.

IFRA Conformity Certificate

Product Name	Lemongrass Oil Organic		
INCI Name	Cymbopogon flexuosus oil		
Product Code	-		
Revision No	01	Date	26/05/2016

MADAR Corporation Ltd, hereby certify that the above named material conforms to the IFRA 48 Code of Practise and contains the following restricted components also listed in the 48th Amendment of the IFRA Code of Practise.

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	1.0 - 2.5	Specification Std
Citral	5392-40-5	70.0 - 78.0	Restriction Stds (QRA cat.)
Geraniol	106-24-1	4.0 - 6.0	Restriction Stds (QRA cat.)

Additional Comments

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.

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Allergens Declaration

Product Name	Lemongrass Oil Organic				
INCI Name	Cymbopogon Citratus Leaf Oil				
Date	26/05/2016	Product Code	-	Revision	02

MATERIAL	CAS NUMBER	COSMETIC ALLERGENS INCLUSION (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	70.0 - 78.0
EUGENOL	97-53-0	-
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL	104-55-2	-
COUMARIN	91-64-5	-
GERANIOL	106-24-1	4.0 - 6.0
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ANISE ALCOHOL	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
LINALOOL	78-70-6	-
BENZYL BENZOATE	120-51-4	-
CITRONELLOL	106-22-9	-
HEXYL CINNAMAL	101-86-0	-
LIMONENE	5989-27-5	1.0 - 2.5
METHYL 2-OCTYNOATE	111-12-6	-
ALPHA-ISOMETHYLIONONE	127-51-5	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-

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Date: 01/03/2018

Re: Vegan – Lemongrass Essential Oil, Organic

We can confirm that the Lemongrass Essential Oil, Organic supplied by the MADAR Corporation Limited is suitable for Vegans.