

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Palmarosa	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Cymbopogon martinii v. motia	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Cymbopogon martini oil		
CAS TSCA:	8014-19-5	HS CODE:	3301.29
CAS EINECS:	91722-54-2	EINECS:	
FEMA:	2831	COE:	40n
COUNTRY OF ORIGIN:	India	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic		Certified organic by Ecocert Canada
PRODUCTION METHOD:	Steam distilled		
PART DISTILLED:	Leaves		
LOT NUMBER:	EAB296637IN32520C		
PRODUCTION DATE:	12/2020		
EXPIRATION DATE:	12/2022		



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Free flowing liquid; light yellow</i>	<i>Complies</i>
ODOR	<i>Sweet, floral, rosy, geranium like scent</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol or oil. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.873 to 0.889 @ 20°C</i>	<i>0.883</i>
OPTICAL ROTATION:	<i>+0.0 – +4.0 @ 20°C</i>	<i>0.0</i>
REFRACTIVE INDEX:	<i>1.425 – 1.499 @ 20°C</i>	<i>1.425</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

The information above is given in good faith and is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ZAYAT AROMA INC. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ZAYAT AROMA INC. has been advised of the possibility of such damages. This data is not to be constructed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. This data relates only to the specific material designated and not to be used in combination with any other material. Many regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.

Palmarosa
Cymbopogon martinii v. motia

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% TOTAL: 100.03	COMPONENTS
0.01	Alpha-thuyene
0.01	Beta-pinene
0.01	Isoamyl acetate
0.01	Sabinene
0.12	Beta-myrcene
0.01	2-Heptanone
0.13	Limonene
0.02	Cis-arbusculon
0.27	Cis-beta-ocimene
0.01	Trans-arbusculon
1.39	Trans-beta-ocimene
0.01	P-cymene
0.02	Terpinolene
0.11	5-hepten-2-one, 6-met
0.01	Aliphatic ester
0.02	Linalool cis-oxide
0.01	Isopentyl hexanoate
0.01	Alpha-cyperene
1.75	Linalool
0.02	1-octanol
0.01	Linalyl acetate
0.12	Beta-elemene
1.69	Beta-caryophyllene
0.01	Hotrienol
0.15	Alpha-humulene
0.10	Neral
0.08	Gamma-selinene
0.03	Alpha-terpineol
0.05	Geranyl formiate
0.08	Valencene
0.01	Alpha-selinene
0.55	Geranial
9.21	Geranyl acetate
0.03	Dihydrocarveol isome
0.02	Citronellol
0.01	Gamma-isogernaol
0.16	Nerol
0.01	Cis-isogeraniol
81.12	Geraniol
0.16	Geranyl butyrate
0.01	Phenylethyl alcohol
0.04	Geranyl methylbutyral
0.03	Phytyl component
0.19	Caryophyllene epoxide
0.19	Cis-nerolidol
0.03	Caprylic acid
0.02	Precocene 1
0.01	Elemol
0.73	Geranyl caproate
0.11	Farnesyl acetate
0.23	Geranyl caprylate
0.89	Farnesol

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