



INSTITUTE OF PLANT BREEDING AND GENETIC RESOURCES
DEPARTMENT OF AROMATIC AND MEDICINAL PLANTS
P.O. Box 60458, GR-57001, THERMI, THESSALONIKI, GREECE
TEL.: +30 2310 471 110, ext. 0 202
FAX: +30 2310 473 024
Email: chatzopoulou@ipgrb.gr
aromparc.ethiage@gmail.com

Thessaloniki, 31 July 2020
Prot.no: 2358

To AETHERIAL OILS - "Single Member
Private Company"
Karathanasi & Vlahakou
GR-56224
EVOSMOS, THESSALONIKI
GREECE

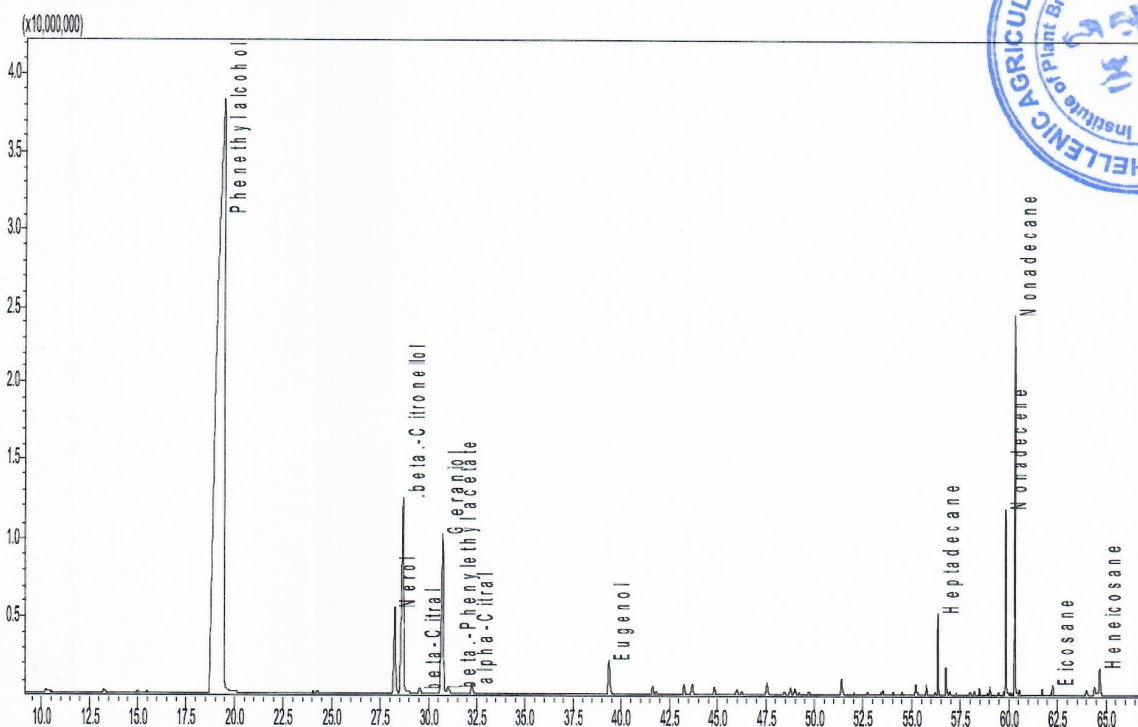
Certificate of Analysis

Sample number	:	2
Sample type	:	ROSE ABSOLUTE
LOT	:	0032
Customer name	:	AETHERIAL OILS
Region	:	EVOSMOS, THESSALONIKI, GREECE

Analysis conditions:

GC/MS : Gas Chromatograph 17A Ver. 3 / Mass Spectrometer Shimadzu QP-5050A / GC/MSSolution Ver1.21 software / column: DB-5 30m x 0,25mm x 0,25µm Carrier gas : He
Temperature program: 55–110°C (1,5°C/min), 110–150°C (3°C/min), 150–220°C (8°C/min) and 220°C for 10 min

Chromatographic profile (GC/MS)





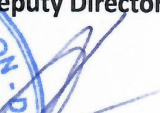
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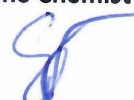
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ESSENTIAL OIL ANALYSIS			
COMPOUND	% YIELD	COMPOUND	% YIELD
α -pinene	0,03	β -caryophyllene	0,30
β -pinene	0,02	α -guaiene	0,20
β -myrcene	0,06	α -humulene	0,11
alpha.-Phenylethanol	0,07	trans- β -farnesene	0,05
cis-sabinene hydrate	0,04	D-germacrene	0,33
linalool *	0,02	pentadecane	0,13
phenyl ethyl alcohol	70,82	α -bulnesene	0,14
Phenethyl formate	0,05	elemol	0,35
terpinen-4-ol	0,06	caryophyllene oxide	0,03
nerol	2,55	hexadecane	0,04
beta-citronellol *	6,54	alpha-Eudesmol	0,20
β -citral=neral *	0,17	8-heptadecene	0,16
geraniol *	5,33	heptadecane	0,91
2-phenyl ethyl acetate	0,24	(E,E) farnesol *	0,39
α -citral=geraniol *	0,33	octadecane	0,08
eugenol *	1,03	nonadecene	2,07
geranyl acetate	0,25	nonadecane	4,28
beta-elemene	0,09	eicosane	0,18
methyl eugenol *	0,27	heneicosane	0,55

* Allergen component

The Deputy Director

Dr P. Chatzopoulou
Senior Researcher

The Chemist


Eleni Lalidou