



HELLENIC AGRICULTURAL ORGANIZATION - DEMETER

DIRECTORATE GENERAL OF AGRICULTURAL RESEARCH



INSTITUTE OF PLANT BREEDING AND GENETIC RESOURCES
DEPARTMENT OF AROMATIC AND MEDICINAL PLANTS
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Thessaloniki, 10 / 2019
Prot.no: 3063

To Mr. PANAGIOTIS CHONDROS
GR 15771 ZOGRAFOU
Greece

Certificate of Analysis

Sample number	:	196/2019
Sample type	:	LAVENDER ESSENTIAL OIL
Customer name	:	PANAGIOTIS CHONDROS
Region	:	ZOGRAFOU, GREECE

ESSENTIAL OIL ANALYSIS			
COMPOUND	% YIELD	COMPOUND	% YIELD
hexyl methyl ether	0,04	1-octen-3 yl acetate	0,95
α -thujene	0,11	3-octanyl acetate	0,04
α -pinene	0,26	allo-ocimene	0,23
camphene	0,14	camphor	0,18
1-octen-3-ol	0,09	hexyl isobutyrate	0,07
3-octanone	0,27	lavandulol	0,43
β -myrcene	2,14	borneol	0,48
3-octanol+butyl butyrate	0,09	terpinen-4-ol	5,16
alpha -phellandrene	0,07	crypton	0,12
δ -3-carene	0,09	α -terpineol+hexyl butyrate	1,98
n-hexyl acetate	0,50	nerol	0,22
α -terpinene	0,12	linalyl acetate	26,79
p-cymene	0,10	bornyl acetate	0,19
limonene	0,57	lavandulyl acetate	5,99
β -phellandrene	0,12	neryl acetate	0,75
1,8-cineol	0,61	geranyl acetate	1,60
cis- β -ocimene	10,18	β -caryophyllene	4,26
trans- β -ocimene	4,60	α -santalene	0,37
γ -terpinene	0,25	α -bergamotene	0,15
cis-linalool oxide	0,09	α -humulene	0,11
α -terpinolene	0,23	trans- β -farnesene	3,04
trans-linalool oxide	0,04	D-germacrene	0,25
linalool	24,98	γ -cadinene	0,07
hotrienol	0,06	caryophyllene oxide	0,05
hexyl propionate	0,06		

The Director
Dr P. Chatzopoulou
Senior Researcher



The Chemist
Eleni Lalidou

