



## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Bergamot from Italy  
100% pure and natural

Botanical name :	<i>Citrus x bergamia</i> Risso & Poit.
Commercial name :	Organic Bergamot
Batch number :	<b>1700981</b>
Geographical origin :	Italy

**Physical and chemical data :**

	Standards	Results of analysis
<b>Appearance</b>	liquid	Conform
<b>Colour</b>	greenish yellow to dark green	Conform
<b>Odour</b>	characteristic, fresh	Conform
<b>Specific gravity at 20°C</b>	0.865 to 0.885	0.871
<b>Refractive index at 20°C</b>	1.460 to 1.475	1.464
<b>Optical rotation at 20°C</b>	+10° to +45°	+ 28.40°
<b>Flash point</b>	+50°C à +59°C	

**Table of components :**

Components	Contents
α-pinene	1,00%
β-pinene	6,40%
Limonene	37,90%
γ-terpinene	6,90%
Linalol	12,30%
Citronellol	0,01%
Citral : neral+geranial	0,15%
Linalyl Acetate	31,40%
<b>TOTAL</b>	<b>96.06%</b>

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### MULTI-RESIDUS PESTICIDE ANALYSIS BY GC/MS/MS (internal method I-ANA-015) :

Pesticide	Result	LQ	Pesticide	Result	LQ	Pesticide	Result	LQ
Alachlor	ND	0,05	Endosulfan sulfate	ND	0,01	Monalide	ND	0,05
Aldrine	ND	0,05	Endrine	ND	0,05	Monocrotophos	ND	0,05
Atrazine	ND	0,05	Ethion	ND	0,01	Myclobutanil	ND	0,05
Azinphos Ethyl-	ND	0,05	Ethofumesate	ND	0,05	Napropamide	ND	0,05
Azinphos Methyl-	ND	0,05	Ethoprophos	ND	0,01	Omethoate	ND	0,05
Benalaxyl	ND	0,05	Etridiazole	ND	0,05	o-Phenylphenol	ND	0,05
Bifenthrine	ND	0,01	Etrimphos	ND	0,01	Oxadiazon	ND	0,01
Bitertanols	ND	0,05	Fenamiphos	ND	0,05	Oxadixyl	ND	0,05
Bromophos Ethyl-	ND	0,01	Fenarimol	ND	0,05	Penconazole	ND	0,01
Bromophos Methyl-	ND	0,01	Fenchlorphos	ND	0,01	Pentachloroaniline	ND	0,01
Bromopropylate	ND	0,01	Fenoxycarb	ND	0,01	Pentachloroanisole	ND	0,01
Carbofuran	ND	0,10	Fenpropathrine	ND	0,05	Permethrines	ND	0,01
Chlordane cis-	ND	0,01	Fenpropimorphe	ND	0,05	Phosalone	ND	0,01
Chlordane trans-	ND	0,01	Fensulfothion	ND	0,05	Phosmet	ND	0,01
Chlorfenvinphos	ND	0,01	Fenthion	ND	0,05	Piperonyl butoxide	ND	0,01
Chlorobenzilate	ND	0,01	Fenvalerates	ND	0,05	Pirimicarb	ND	0,01
Chlorothalonil	ND	0,05	Fluazifop p-Butyl-	ND	0,01	Pirimiphos Ethyl-	ND	0,01
Chlorpropham	ND	0,05	Flucythrines	ND	0,01	Pirimiphos Methyl-	ND	0,01
Chlorpyrifos Ethyl-	ND	0,01	Flusilazole	ND	0,05	Prochloraz	ND	0,05
Chlorpyrifos Methyl-	ND	0,05	Flutolanil	ND	0,05	Procymidone	ND	0,01
Chlorthal Dimethyl-	ND	0,01	Flutriafol	ND	0,05	Profenophos	ND	0,01
Clomazone	ND	0,01	Fonofos	ND	0,01	Propiconazols	ND	0,05
Coumaphos	ND	0,05	HCH α-	ND	0,01	Propyzamide	ND	0,01
Cyfluthrines	ND	0,05	HCH β-	ND	0,01	Prothiofos	ND	0,01
Cyhalothrine λ-	ND	0,05	HCH δ-	ND	0,05	Pyridaben	ND	0,05
Cypermethrines	ND	0,05	Heptachlor epoxide	ND	0,01	Pyridaphenthion	ND	0,05
DDD o,p'-	ND	0,01	Heptachlore	ND	0,01	Pyrimethanil	ND	0,01
DDD p,p'- + DDT o,p'-	ND	0,02	Hexachlorobenzene	ND	0,01	Quinalphos	ND	0,50
DDE o,p'-	ND	0,01	Hexaconazole	ND	0,05	Quizalofop Ethyl-	ND	0,01
DDE p,p'-	ND	0,01	Iprodione	ND	0,01	S421	ND	0,01
DDT p,p'-	ND	0,01	Lindane	ND	0,01	Sebuthylazine	ND	0,01
Deltamethrines	ND	0,05	Malaoxon	ND	0,10	Tebuconazole	ND	0,05
Diazinon	ND	0,05	Malathion	ND	0,05	Terbufos	ND	0,05
Dichlofenthion	ND	0,01	Mecarbam	ND	0,05	Terbuthylazine	ND	0,01
Dichlofluanide	ND	0,05	Metalaxyl	ND	0,05	Tetradifon	ND	0,05
Diclofop Methyl-	ND	0,01	Metazachlor	ND	0,01	Tetramethrines	ND	0,05
Diethofencarb	ND	0,01	Methacrifos	ND	0,05	Tolclofos Methyl-	ND	0,01
Difenoconazols	ND	0,01	Methidathion	ND	0,05	Tolyfluanid	ND	0,05
Diflufenican	ND	0,01	Methiocarb	ND	0,10	Triadimefon	ND	0,01
Dimethoate	ND	0,05	Methoxychlore	ND	0,05	Triadimenol	ND	0,05
Diphenylamine	ND	0,05	Metolachlor	ND	0,01	Triazophos	ND	0,05
Endosulfan α-	ND	0,05	Mirex	ND	0,01	Vinclozoline	ND	0,01
Endosulfan β-	ND	0,05						

Unit = mg/kg

#### Abbreviations :

GC Gas Chromatography  
MS Mass Spectrometry  
LQ Quantification Limit  
ND Not Detected