



Gas Chromatography Analysis

Dear Customer,

Attached you will find the results of gas chromatographic analysis based on the information provided by our Producer/Laboratory for:

Sample Reference 2620

We testify that the Chromatographic Analysis (GC) for the mentioned sample is identical with:

Product Name: Rosemary (Verbenone) organic
Botanical Name: Rosmarinus officinalis
Batch No.: 1050328

The data is based on our current knowledge.
The results of analysis do not release the customer from its own controls.
This document was created electronically and is valid without signature.

Constituents	%
COMPOSÉ Mw=122	0.01
TRICYCLEN	0.37
alpha-PINENE	36.11
alpha-THUYENE	0.15
alpha-FENCHENE	0.09
CAMPHE	8.82
beta-PINENE	2.61
SABINENE	0.06
PINADIENE	0.93
4-METHYL-3-PENTEN-2-ONE	0.03
delta3-CARENE	0.30
beta-MYRCENE	1.41
alpha-PHELLANDRENE	0.58
psi-LIMONENE	0.03
o-CYMENE	0.01
alpha-TERPINENE	0.40
MENTHATRIENE ISOMERE	0.03
LIMONENE	3.84
1,8-CINEOLE	6.25
beta-PHELLANDRENE	
1,3,8-p-MENTHATRIENE	0.05
cis-beta-OCIMENE	0.04
gamma-TERPINENE	0.72
trans-beta-OCIMENE	0.01
3-OCTANONE	0.17
p-CYMENE	1.33
TERPINOLENE	0.71
FENCHONE	0.03
COMPOSÉ Mw=152	0.02
alpha,p-DIMETHYLSTYRENE	0.08
COMPOSÉ Mw=122	0.06
1-OCTEN-3-OL	0.15
trans-THUYANOL	0.12
COMPOSÉ Mw=122	0.02
SESQUITERPENE	0.03
alpha-CAMPHOLENAL	0.11
CHRYSANTHENONE	0.35
CAMPHE	7.15
COMPOSÉ Mw=152	0.16
ISOPINOCAMPHONE	0.32
LINALOL	1.72
trans-p-MENTH-2-EN-1-OL	0.05
PINOCARVONE	0.12

Constituants	%
COMPOSÉ TERPENIQUE	0.02
ACETATE DE BORNYLE	7.67
COMPOSÉ TERPENIQUE	0.08
beta-CARYOPHYLLENE	0.60
TERPINENE-4-OL	0.63
COMPOSÉ OXYDE	0.02
SESQUITERPENE	0.06
ACETATE DE VERBENYLE	0.08
SESQUITERPENE	0.03
COMPOSÉ AROMATIQUE	0.01
COMPOSÉ OXYDE	0.02
ACETATE DE MYRTENYLE	0.05
trans-PINOCARVEOL	0.36
cis-VERBENOL	
COMPOSÉ TERPENIQUE	0.01
ESTRAGOLE	0.03
delta-TERPINEOL	0.06
alpha-HUMULENE	0.19
trans-VERBENOL	0.32
COMPOSÉ TERPENIQUE	0.06
COMPOSÉ TERPENIQUE	0.03
SESQUITERPENE	0.03
alpha-TERPINEOL	0.80
BORNEOL	5.94
VERBENONE	4.29
SESQUITERPENE	0.02
SESQUITERPENE	0.01
SESQUITERPENE	0.04
SESQUITERPENE	0.05
p-MENTHA-1(7),2-DIEN-8-OL	0.09
COMPOSÉ Mw=154	0.05
SESQUITERPENE	0.10
COMPOSÉ Mw=150	0.07
BICYCLOGERMACRENE	0.03
COMPOSÉ Mw=154	0.02
ACETATE DE GERANYLE	0.05
delta-CADINENE	0.01
ESTER ALIPHATIQUE	0.05
CITRONELLOL	0.12
COMPOSÉ Mw=120	0.04
COMPOSÉ Mw=202	0.01
ESTER ALIPHATIQUE	0.03
MYRTENOL	0.20

Constituants	%
CAMPHOLENOL	0.31
ISOPIPERITENONE	0.01
COMPOSÉ TERPENIQUE	0.16
COMPOSÉ TERPENIQUE	0.19
GERANIOL	0.58
COMPOSÉ Mw=148	0.02
E-GERANYL ACETONE	0.02
COMPOSÉ Mw=200	0.03
COMPOSÉ Mw=164	0.03
OXYDE DE CARYOPHYLLENE	0.04
COMPOSÉ Mw=208	0.03
COMPOSÉ Mw=150	0.03
METHYLEUGENOL	0.03
COMPOSÉ CETONIQUE	0.01
COMPOSÉ AROMATIQUE	0.03
COMPOSÉ SESQUITERPENIQUE	0.02
COMPOSÉ Mw=206	0.02
SPATHULENOL	0.09
EUGENOL	0.02
THYMOL	0.02
DITERPENE	0.03
ISOCARVACROL	0.01
CARVACROL	0.02
alpha-CADINOL	0.05
COMPOSÉ Mw=270	0.02
COMPOSÉ AROMATIQUE	0.02
ABIETATRIENE	0.01
TOTAL	99.72