



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 1597

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

Product Name:	Helichrysum superior, wild organic
Botanical Name:	Helichrysum italicum
Batch No.:	1050455

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.

Constituants	%
ITALICENE ISOMERE	0.15
alpha-cis-BERGAMOTENE	0.52
FENCHOL	0.04
3,5-DIMETHYL-OCTANE-4,6-DIONE	1.35
alpha-trans-BERGAMOTENE	0.33
alpha-GUAIENE	0.06
TERPINENE-4-OL	0.22
beta-CARYOPHYLLENE	0.15
2-UNDECANONE	0.10
HOTRIENOL	0.03
SESQUITERPENE	0.03
PULEGONE	0.32
2-DECENAL	0.07
ALLO-AROMADENDRENE	0.06
CURCUMENE ISOMERE	0.08
alpha-ACORADIENE	0.07
SESQUITERPENE	0.04
p-METHOXYSTYRENE	0.26
FARNESENE ISOMERE	
CURCUMENE ISOMERE	0.39
CURCUMENE ISOMERE	0.44
SESQUITERPENE	0.03
Z-beta-FARNESENE	0.07
gamma-MUUROLENE	0.05
alpha-TERPINEOL	0.27
BORNEOL	0.05
gamma-CURCUMENE	5.84
beta-CHAMIGRENE	0.14
ESTER ALIPHATIQUE	0.18
beta-SELINENE	0.12
alpha-SELINENE	0.04
COMPOSÉ Mw=220	0.07
ACETATE DE NERYLE	28.26
beta-BISABOLENE	0.22
COMPOSÉ Mw=202	0.07
beta-CURCUMENE	0.43
SESQUICINEOLE	0.05
COMPOSÉ ALDEHYDE	0.03
ACETATE DE GERANYLE	0.07
delta-CADINENE	0.18
SESQUITERPENE	0.11
SESQUITERPENE Mw=202	0.04
COMPOSÉ Mw=222	0.03

Constituants	%
alpha-CURCUMENE	4.59
SESQUITERPENE Mw=202	0.11
PROPIONATE DE NERYLE	5.11
NEROL	2.34
COMPOSÉ Mw=220	0.03
2,4-DECADIENAL	0.05
COMPOSÉ Mw=222	0.03
2-TRIDECANONE	0.04
COMPOSÉ Mw=194	0.06
GERMACRENE B	0.06
COMPOSÉ AROMATIQUE	0.62
SESQUITERPENE	0.12
COMPOSÉ Mw=220	0.04
COMPOSÉ Mw=220	0.24
BUTYRATE DE NERYLE	0.86
COMPOSÉ Mw=220	0.03
DEHYDROCUCUMENE	0.20
2-METHYLBUTYRATE DE NERYLE	1.03
ITALIDIONE I	8.17
ITALIDIONE II	
COMPOSÉ Mw=220	0.06
COMPOSÉ Mw=134	0.07
DIONE ALIPHATIQUE	0.16
ITALIDIONE III	2.48
VALERATE DE NERYLE	0.67
COMPOSÉ AROMATIQUE Mw=200	0.07
COMPOSÉ Mw=236	0.06
COMPOSÉ SESQUITERPENIQUE	0.04
COMPOSÉ Mw=218	0.04
COMPOSÉ Mw=216	0.06
COMPOSÉ Mw=236	0.04
ESTER ALIPHATIQUE	0.07
COMPOSÉ Mw=140	0.06
DIONE ALIPHATIQUE	0.11
NEROLIDOL	0.13
COMPOSÉ Mw=236	0.03
COMPOSÉ SESQUITERPENIQUE	0.03
COMPOSÉ Mw=220	0.06
ESTER ALIPHATIQUE	0.09
GUAIOL	1.55
ESTER PHENYLETHYLIQUE	0.08
10-epi-gamma-EUDESOL	0.15
DIONE ALIPHATIQUE	0.32

Constituants	%
COMPOSÉ SESQUITERPENIQUE	0.30
EUDESMA-5-EN-11-alpha-OL	4.20
COMPOSÉ Mw=218	0.03
TRIMETHYL-PENTADECANONE	0.31
COMPOSÉ Mw=220	0.05
COMPOSÉ Mw=208	0.06
COMPOSÉ Mw=222	0.12
COMPOSÉ Mw=222	0.15
EUDESMOL ISOMERE	1.21
gamma-EUDESMOL	0.44
AGAROSPIROL	0.23
COMPOSÉ SESQUITERPENIQUE	0.11
COMPOSÉ SESQUITERPENIQUE	0.11
COMPOSÉ Mw=214	0.06
SESQUITERPENOL	0.05
COMPOSÉ SESQUITERPENIQUE	0.20
COMPOSÉ AROMATIQUE	0.05
BULNESOL	0.23
alpha-BISABOOL	0.10
alpha-EUDESMOL	0.79
beta-EUDESMOL	1.16
ESTER ALIPHATIQUE	0.26
COMPOSÉ SESQUITERPENIQUE	0.12
ACIDE CAPRIQUE	0.11
ESTER ALIPHATIQUE	0.11
COMPOSÉ Mw=220	0.10
COMPOSÉ Mw=236	0.04
DIACETATE ISOMERE	0.03
COMPOSÉ SESQUITERPENIQUE	0.07
DIONE ALIPHATIQUE	0.12
COMPOSÉ Mw=200	0.07
COMPOSÉ Mw=200	0.07
COMPOSÉ SESQUITERPENIQUE	0.08
COMPOSÉ Mw=200	0.10
ACIDE LAURIQUE	0.21
ESTER ALIPHATIQUE	0.05
COMPOSÉ Mw=220	0.05
COMPOSÉ Mw=238	0.07
ACIDE MYRISTIQUE	0.07
XANTHORRHIZOL	0.05
ACIDE PALMITIQUE	0.05
TOTAL	98.18