

AeL Création 	BULLETIN QUALITE HUILE ESSENTIELLE	ENR QUA 013 version 1
		Date création : 01/2019 Date révision :

• CARTE D'IDENTITE

Désignation	Genévrier bio
Référence	1975
Nom botanique	<i>Juniperus communis</i>
Pays d'origine	France
Partie de la plante	Rameaux à Baies
Mode d'obtention	Entraînement à la vapeur d'eau
Lot	A17A_A26B_B18B

• QUALITE

Propriétés organoleptiques	RESULTAT
Aspect	Liquide limpide
Couleur	Incolore à jaune pâle, vert pâle
Odeur	Caractéristique, balsamique, douce

Propriétés physico-chimiques à 25°C	RESULTAT
Densité	0,8977
Indice de réfraction	1,487

• PRINCIPAUX CONSTITUANTS - CHROMATOGRAPHIE PHASE GAZEUSE

COMPOSES	TENEUR (%)
ETHANOL	0.03
TRICYCLEN	0.06
alpha-PINENE	19.68
alpha-THUYENE	1.10
alpha-FENCHENE	0.08
CAMPHENE	0.16
beta-PINENE	1.34
SABINENE	6.25
PINADIENE	0.12
delta2-CARENE	0.04
delta3-CARENE	0.79
beta-MYRCENE	2.23
alpha-PHELLANDRENE	0.25
alpha-TERPINENE	1.28
LIMONENE	1.88
beta-PHELLANDRENE	1.07

1,3,8-p-MENTHATRIENE	0.02
gamma-TERPINENE	2.29
trans-beta-OCIMENE	0.05
STYRENE	0.01
3-OCTANONE	0.01
p-CYMENE	1.00
TERPINOLENE	1.23
COMPOSE MENTHATRIENIQUE	0.03
alpha-p-DIMETHYLSTYRENE	0.09
alpha-THUYONE	0.04
alpha-CUBEBENE	0.57
trans-THUYANOL	0.04
alpha-LONGIPINENE	0.02
alpha-CAMPHOLENAL	0.03
alpha-COPAENE	0.31
CEDRENE ISOMERE	0.08
alpha-PINOCAMPHONE	0.03
CADINADIENE ISOMERE	0.29
CEDRENE ISOMERE	0.10
beta-PINOCAMPHONE	0.05
beta1-CUBEBENE	0.06
CEDRENE ISOMERE	0.39
CADINADIENE ISOMERE	0.26
trans-p-MENTH-2-EN-1-OL	0.11
SESQUITERPENE	0.20
PINOCARVONE	0.09
alpha-CEDRENE	0.73
beta-FUNEBRENE	0.96
SESQUITERPENE	0.10
ACETATE DE BORNYLE	0.19
ACETATE D'ISOBORNYLE	0.03
SESQUITERPENE	0.10
CEDRENE ISOMERE	0.33
beta-ELEMENE	0.75
beta-CEDRENE	2,21
beta-CARYOPHYLLENE	
METHYL CARVACROL ETHER	1.45
TERPINENE-4-OL	1.85
ESTER TERPENIQUE	0.07
SESQUITERPENE	0.16
PROPIONATE DE LINALYLE	0.07
THUYOPSENE	20.51
cis-p-MENTH-2-EN-1-OL	0.06
SESQUITERPENE	0.03
PREZIZA-7-ENE	0.11
CADINA-3,5-DIENE	0.09

PREZIZA-7-ENE ISOMERE	0.03
GERMACRENE A	0.28
COMPOSE TERPENIQUE	0.12
trans-PINOCARVEOL	0.08
ALLO-AROMADENDRENE	0.03
ISHWARANE	0.16
ZONARENE	0.24
alpha-HUMULENE	1.34
cis-4,5-MUROLADIENE	0.06
CURCUMENE ISOMERE	0.06
gamma-SELINENE	0.23
CURCUMENE ISOMERE	0.07
gamma-MUROLENE	0.33
gamma-CURCUMENE	0.05
ACETATE DE TERPENYLE	0.23
alpha-TERPINEOL	0.21
BORNEOL	0.05
beta-CHAMIGRENE	0.66
LEDENE	0.08
GERMACRENE D	1.20
SESQUITERPENE	0.05
MUROLADIENE ISOMERE	0.29
VALENCENE	0.36
beta-SELINENE	0.29
ESTER TERPENIQUE	0.03
CHAMIGRENE ISOMERE	0,75
alpha-SELINENE	
alpha-MUROLENE	0.65
cis-alpha-BISABOLENE	0.10
beta-HIMACHALENE	2,06
alpha-CHAMIGRENE	
beta-CURCUMENE	0.08
EUDESMA-2,4,11-TRIENE	0.16
SESQUITERPENE	0.05
E,E-alpha-FARNESENE	0.08
gamma-CADINENE	0.26
delta-CADINENE	2.35
7-epi-alpha-SELINENE	0.26
SESQUITERPENE	0.23
CITRONELLOL	0.04
trans-alpha-BISABOLENE	0.03
alpha-CURCUMENE	0.15
beta-SESQUIPHELLANDRENE	0.08
HIMACHALENE ISOMERE	0.27
CADINA-1,4-DIENE	0.09
MYRTENOL	0.04

alpha-AMORPHENE	0.09
COMPOSE CETONIQUE	0.13
CUPARENE	2.53
cis-CALAMENENE	0.10
GERMACRENE B	0.75
trans-CALAMENENE	0.39
COMPOSE AROMATIQUE Mw=203	0.06
p-CYMENE-8-OL	0.03
COMPOSE AROMATIQUE	0.04
Epi-CUBEBOL	0.03
OCTAHYDRO METHYLPHENANTHRENE ISOMERE Mw=200	0.08
alpha-CALACORENE	0.13
NONADECANE	0.05
VESTITENONE Mw=178	0.02
CUBEBOL	0.02
beta-CALACORENE	0.02
OXYDE DE CARYOPHYLLENE	0.27
CHRYSANthemOL ISOMERE	0.02
HUMULOL	0.04
PHOTOSANTALOL ISOMERE	0.10
EPOXY-6,7-HUMULENE	0.20
NEROLIDOL	0.22
MENTHADIENOL ISOMERE	0.03
GERMACRENE D-4-OL	0.02
GLEENOL	0.03
Epi-CUBENOL	0.21
CUBENOL	0.25
ALCOOL ALIPHATIQUE	0.03
ELEMOL	0.03
cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0.04
CEDROL ISOMERE	0.03
EPOXYDE SESQUITERPENIQUE	0.11
EPOXYDE SESQUITERPENIQUE	0.10
EPOXYDE SESQUITERPENIQUE	0.05
CEDROL	1.94
SPATHULENOL	0.22
ALCOOL ALIPHATIQUE	0.09
EPOXYDE SESQUITERPENIQUE	0.10
WIDDROL	0.77
CEDROL ISOMERE	0.09
COMPOSE CETONIQUE	0.02
EPOXYDE SESQUITERPENIQUE	0.09
gamma-EUDESOL	0.03
T-CADINOL	0.19
alpha-MUUROLOL	0.19

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EPOXYDE SESQUITERPENIQUE	0.12
delta-CADINOL	0.10
CARVACROL	0.02
HIMACHALOL	0.04
alpha-BISABOOL	0.11
alpha-EUDESOL	0.05
EPOXYDE SESQUITERPENIQUE	0.02
CADALENE	0.03
beta-EUDESOL	0.03
alpha-CADINOL	0.27
EUDESMA-7(11)-EN-4-OL	0.06
DITERPENE Mw=272	0.04
ACIDE CAPRIQUE	0.03
EPOXYDE SESQUITERPENIQUE	0.04
SESQUITERPENONE	0.34
BICYCLOVETIVENOL	0.04
COMPOSE Mw=236	0.03
SANDARACOPIMARADIENE	0.04
DITERPENE Mw=272	0.03
COMPOSE Mw=194	0.07
COMPOSE AROMATIQUE	0.03
SESQUITERPENONE	0.07
EPOXYDE SESQUITERPENIQUE	0.04
EPOXYDE SESQUITERPENIQUE	0.04
COMPOSE Mw=216	0.03
CEDRENOL ISOMERE	0.29
BIFORMENE	0.04
ACIDE LAURIQUE	0.02
ABIETATRIENE	0.09
SESQUITERPENONE	0.03
COMPOSE Mw=286	0.02
TOTAL	99,98