



Healing Body, Mind, and Spirit
with Pure Essential Oils Since 1995

www.naturesgift.com

Certificate of Analysis

Juniper Berries CO₂
Juniperus communis

Batch # GE-011507

Lab No: 23346
Type No : 017.001
Raw Material: *Juniperus communis* – Berries, dried
Country of Origin, raw material: Macedonia
Country of origin of product: Germany
D/E - ratio: 50 - 67 kg raw material yield 1 kg product
Production: Feb 2013
Retest: Aug 2022
Storage: Store in a cool, dry place and exclusion of light

Sensory Check

Feature	Reference	Result
Odour:	Sweet fresh woody - balsamic coniferous like odour	meets
Appearance:	pale yellow, clear liquid	

Analytical Check

Feature	Method	Limits	Value	Unit
Content of essential oil	21.006.01, Distillation, gravimetric	65 - 85	77,7	% (g/100g)
Composition of the volatile compounds:	GCMS, 100 % Method			
alpha Pinene	GCMS, juniper.met	n.s.	25,6	%
Sabinene	GCMS, juniper.met	n.s.	9,3	%
beta Pinene	GCMS, juniper.met	n.s.	1,4	%
beta Myrcene	GCMS, juniper.met	n.s.	9,7	%
Cymene	GCMS, juniper.met	n.s.	0,15	%
Limonene	GCMS, juniper.met	n.s.	1,8	%
gamma Terpinene	GCMS, juniper.met	n.s.	0,03	%
beta Terpineo	GCMS, juniper.met	n.s.	0,11	%
Terpinolene	GCMS, juniper.met	n.s.	0,29	%



Healing Body, Mind, and Spirit
with Pure Essential Oils Since 1995

www.naturesgift.com

Certificate of Analysis

4-Terpineol	GCMS, juniper.met	n.s.	0,36	%
alpha Terpineol	GCMS, juniper.met	n.s.	0,09	%
Copaene alpha	GCMS, juniper.met	n.s.	0,55	%
beta Caryophyllene	GCMS, juniper.met	n.s.	2,2	%
beta Farnesene	GCMS, juniper.met	n.s.	0,90	%
Humulene	GCMS, juniper.met	n.s.	1,8	%
Germacrene D	GCMS, juniper.met	n.s.	9,8	%
GC fingerprint	GC, juniper.met	meets	meets	
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,490 - 1,510	1,4942	
Density (20°C)	21.024.03, Pycnometer	0,880 - 0,930	0,8984	g/cm ³

n.s = not specified n.d. = not detected

The data in this report of analysis have been determined carefully and to the best of our knowledge. Depending on transport and storage conditions the indicated data can be subject to certain changes which are outside of our influence. Hence the report has not the meaning of a guarantee in the legal sense and does not dispense the customer from making his own quality control before using the product.

The product meets specifications no. 16.132.09/66.043.06; date of analysis: 2017.08.14