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**Certificate of Analysis:** Lavender CO<sub>2</sub>, *Lavandula officinalis*, extracted in Germany.

Batch No: GE-741402

Lab No: 18275

Type No: 084.001

Production: February 2015

Retest: February 2020

Raw Material: *Lavandula officinalis*

D/E - ratio: 24 - 26 kg raw material yield 1 kg product.

Sensory Check

Feature	Reference	Result
Appearance:	yellow, clear liquid	meets
Odour:	sweet, floral-balsamic odor	meets

Analytical Check

Feature	Method	Limits	Value	Unit
Content of essential oil	21.006.01, Distillation, gravimetric	60 - 85	68,9	% (g/100g)
Composition of the volatile compounds in extract:	GCMS, 100 % Method			
Limonene	GCMS, Lavendel.met	n.s.	0,32	%
1,8 Cineol	GCMS, Lavendel.met	n.s.	6,6	%
Linalool	GCMS, Lavendel.met	> 20	24,0	%
Camphor	GCMS, Lavendel.met	n.s.	12,8	%
Lavandulol	GCMS, Lavendel.met	n.s.	1,1	%
Terpinene-4-ol	GCMS, Lavendel.met	n.s.	0,43	%
Borneol	GCMS, Lavendel.met	n.s.	4,0	%
alpha Terpineol	GCMS, Lavendel.met	n.s.	0,51	%
Linalyl acetate	GCMS, Lavendel.met	> 25	28,4	%
Lavandulyl acetate	GCMS, Lavendel.met	n.s.	2,7	%
beta Caryophyllene	GCMS, Lavendel.met	n.s.	1,7	%
Caryophyllene oxide	GCMS, Lavendel.met	n.s.	2,4	%
Refractive index (20°C)	Abbe-Refractometer	1,460 - 1,480	1,4685	
Density (20°C)	21.024.02, Pycnometer	0,910 - 0,955	0,940	g/cm <sup>3</sup>
Content of water	Karl Fischer Titr.	n.s.	2,1	%

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

Storage conditions: Store in a cool, dry place!