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Certificate of Analysis: Turmeric CO₂, *Curcuma xanthorrhiza*, organic roots from Indonesia, CO₂ extracted in Germany.

Batch No: GE-441009

Type No: 094.012 / DE-OKo-013

Lab No: 16035

Date of Analysis: 2014.01.28

Production: January 2014

Retest: January 2019

D/E - ratio: 10 - 14 kg raw material yield 1 kg product.

Analytical Results:

Feature	Method	Limits	Value / Unit
Content of essential oil	21.006.01, Distillation, gravimetric	> 85	95,8 % (g/100g)
Composition of the volatile compounds in extract:	GCMS, 100 % Method		
ar-Curcumene	GCMS, curcuma.met	n.s.	27,5 %
beta-Curcumene	GCMS, curcuma.met	n.s.	25,0 %
Xanthorrhizol (Hydroxy-ar-Curcumene)	GCMS, curcuma.met	18 - 28	27,3 %
Sum of Curcumenes	GCMS, curcuma.met	n.s.	79,7 %
Pesticides	external analysis	EC No. 396/2005	Monitoring
Refractive index (20°C)	Abbe-Refractometer	1,507-1,513	1,5105
Density (20°C)	21.024.02, Pycnometer	0,910-0,940	0,9247 g/cm ³

n.s. = not specified

n.d. = not detected