

# Certificate of Analysis Cannabinoids

Description: Lemongrass 10%  
Sample material: oil

Client: Goldfish Amsterdam  
Sample ID: 81200043



Further Information: Batch Nr. 00008  
Sample entry: 2020-05-06 at 14:56

Abbr.	Substance	Result	Unit	M.U.*
Sa-We	Sample weight	2.657	g	-
T-CBD	Total Cannabidiol (CBD + CBDA)	10.14	w/w %	0.507
CBD	Cannabidiol	10.14	w/w %	0.507
CBDA	Cannabidiolic acid	ND**	w/w %	-
T-THC	Total Tetrahydrocannabinol (THC + THCA)	ND**	w/w %	-
D9THC	D9-Tetrahydrocannabinol	ND**	w/w %	-
THCA	Tetrahydrocannabinolic acid	ND**	w/w %	-
D8THC	D8-Tetrahydrocannabinol	ND**	w/w %	-
T-CBG	Total Cannabigerol (CBG + CBGA)	ND**	w/w %	-
CBG	Cannabigerol	ND**	w/w %	-
CBGA	Cannabigerolic acid	ND**	w/w %	-
CBN	Cannabinol	ND**	w/w %	-
CBC	Cannabichromene	ND**	w/w %	-
THCV	Tetrahydrocannabivarin	ND**	w/w %	-
CBDV	Cannabidivarin	0.02	w/w %	0.005
CBDVA	Cannabidivarinic Acid	ND**	w/w %	-

## Terpenes

	mg/g		mg/g
<b>Beta-Caryophyllene</b> Euphoria / Anti-depressant / Anti-oxidant / Antimicrobial	0	<b>Geraniol</b> Anti Microbial, Anti biotic.	0.84
<b>Alpha-Pinene</b> Focus / Anti Inflammatory / Bronchial Relief	0	<b>Linalool</b> Relaxant / Sedative / Anti Epileptic	0
<b>Beta-Pinene</b> Bronchial Relief, Anti Inflammatory / Cancer inhbiter	0	<b>Terpinolene</b> Anti Proliferative, Anti Insomnia, Anti Bacteria, Anti Fungal	0
<b>Myrcene</b> Body Buzz / Antibiotic	0.03	<b>Eucalyptol</b> Relaxant, Bronchial Relief, Anti Depressant	0
<b>Limonene</b> Energy / Anti-depressant / Immune booster	0.16	<b>Humulene</b> Anorectic, Anti Proliferative, Anti Fungal, Anti Bacterial.	0.13
<b>Camphene</b> Relaxant, Sedative.	0	<b>Caryophyllene</b> Anti-depressant / Anti-oxidant / Antimicrobial	0.02

## Contaminants

	Level (mg/kg)	Status		Level (mg/kg)	Status		Level (mg/kg)	Status
<b>Pesticides</b>	0	Pass	<b>Copper (Cu)</b>	0.09	Pass	<b>Lead (Pb)</b>	0	Pass
<b>Herbicides</b>	0	Pass	<b>Cadmium (Cd)</b>	0	Pass	<b>Nickel (Ni)</b>	0.06	Pass
<b>Mycotoxins</b>	0	Pass	<b>Chromium (Cr)</b>	0	Pass	<b>Zinc (Zn)</b>	0.84	Pass
			<b>Mercury (Hg)</b>	0	Pass	<b>Arsenic (As)</b>	0	Pass

### Footnotes:

\*) The determined measurement uncertainty (M.U.) is always given in the same unit as the specified result.

\*\*) ND = Not Detected. the measured value was below the detection limit of 0,01 % respectively 100 mg/kg.

For the calculations of the equivalence sums, the respective acid forms were multiplied by the factor of 0.877 and 0.878, respectively, to infer the equivalent amount of the neutral forms.

Method of Analysis: HPLC-DAD (High Performance Liquid Chromatography - Diode Array Detector). All measurement methods were calibrated and controlled with certified reference materials (CRM). The measurements with HPLC were carried out strictly according to the USA certified method of the HPLC manufacturer.

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