

• ROTTERDAM

• LIMA

Analytical Report

Reportnr.	: 1122773 version 1	Sampling Date	*: 26-Oct-2020
Sample Arrival Date	: 28-Oct-2020 13:19	Samplesize (kg)	: 0,036
ReportDate Version	: 02-Nov-2020 12:57		
Packing	: Plastic, ambient		

Sample information *

Disponent Number	: 20301001	Product specification	: CBD Hemp extract (4065)
Sealed / Seal Code	: No /		

* information received from client

Composition Determination

Metal and other elements

Parameter	Result (as received)		
Cd (Cadmium)	< 0,010 mg/kg		Q R
Pb (Lead)	< 0,050 mg/kg		Q R
As (Arsenic)	< 0,040 mg/kg		Q R
Hg (Mercury)	< 0,005 mg/kg		Q R

Microbiological Determination

Common

Parameter	Result (as received)		
Lactobacillus	< 10 cfu/g		R
Enterobacteriaceae	< 10 cfu/g		Q R
Aerobic plate count (APC)	< 10 cfu/g		Q R

Contaminations

Pesticides

Parameter	Result (as received)		
Pesticides GCMS	Performed according annex, nothing detected		R
Pesticides LCMSMS	Performed according annex, nothing detected		Q R

Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories



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Analysed Contamination / Pesticides below detection limits

Pesticides GCMSMS

Aldrin and Dieldrin (sum)	< 0,010 mg/kg	4-Chloro-3-methylphenol	< 0,010 mg/kg	Acrinathrin	< 0,010 mg/kg	Aldrin	< 0,010 mg/kg
Barban.	< 0,010 mg/kg	Anthraquinone	< 0,010 mg/kg	Atrazine	< 0,010 mg/kg	Azinphos-ethyl	< 0,010 mg/kg
Binapacryl.	< 0,010 mg/kg	Benazolin-ethyl-ester	< 0,010 mg/kg	Bifenox	< 0,010 mg/kg	Bifenthrin	< 0,010 mg/kg
Bromophos-methyl	< 0,010 mg/kg	Biphenyl.	< 0,010 mg/kg	Bitertanol	< 0,010 mg/kg	Bromophos-ethyl	< 0,010 mg/kg
Carbophenothion	< 0,010 mg/kg	Bromopropylate	< 0,010 mg/kg	Captafol.	< 0,010 mg/kg	Captan (sum)	< 0,010 mg/kg
Chlorfenson	< 0,010 mg/kg	Chlorbufam	< 0,010 mg/kg	Chlordane-cis	< 0,010 mg/kg	Chlordane-trans	< 0,010 mg/kg
Chloroneb	< 0,010 mg/kg	Chlorfenvinphos	< 0,010 mg/kg	Chlormephos	< 0,010 mg/kg	Chlorobenzilate	< 0,010 mg/kg
Cyfluthrin (sum isomers)	< 0,010 mg/kg	Chlorothalonil.	< 0,010 mg/kg	Chlorpropham	< 0,010 mg/kg	Chlorpyrifos-methyl	< 0,010 mg/kg
Cyhalothrin (Lambda)	< 0,010 mg/kg	Cyfluthrin I	< 0,010 mg/kg	Cyfluthrin II	< 0,010 mg/kg	Cyfluthrin III	< 0,010 mg/kg
Dichlobenil	< 0,010 mg/kg	Cypermethrin (sum)	< 0,010 mg/kg	Deltamethrin	< 0,010 mg/kg	Diallate	< 0,010 mg/kg
Dichlorvos.	< 0,010 mg/kg	Dichloraniline, 3,5-	< 0,010 mg/kg	Dichloroaniline 3,4-	< 0,010 mg/kg	Dichlorobenzophenone,2,4-	< 0,010 mg/kg
Diphenylamine	< 0,010 mg/kg	Dicloran.	< 0,010 mg/kg	Dicofol	< 0,010 mg/kg	Dieldrin	< 0,010 mg/kg
Endosulfan-β	< 0,010 mg/kg	Disulfoton	< 0,010 mg/kg	Endosulfan (sum)	< 0,010 mg/kg	Endosulfan-a.	< 0,010 mg/kg
Etrimfos	< 0,010 mg/kg	Endosulfansulphate	< 0,010 mg/kg	Endrin	< 0,010 mg/kg	EPN	< 0,010 mg/kg
Fenpropathrin	< 0,010 mg/kg	Famoxadone	< 0,010 mg/kg	Fenchlorphos. (ronnel)	< 0,010 mg/kg	Fenitrothion	< 0,010 mg/kg
Folpet (sum)	< 0,010 mg/kg	Fenvalerate (sum)	< 0,010 mg/kg	Flucythrinate.	< 0,010 mg/kg	Fluvalinate	< 0,010 mg/kg
HCH-β	< 0,010 mg/kg	Folpet.	< 0,010 mg/kg	HCH-a	< 0,010 mg/kg	HCH-d	< 0,010 mg/kg
Heptachloroepoxide-trans	< 0,010 mg/kg	HCH-y	< 0,010 mg/kg	Heptachlor	< 0,010 mg/kg	Heptachloroepoxide-cis	< 0,010 mg/kg
Methacrifos	< 0,010 mg/kg	Hexachlorobenzene (HCB)	< 0,010 mg/kg	Iprodione	< 0,010 mg/kg	Isodrin	< 0,010 mg/kg
o,o-DDE	< 0,010 mg/kg	Methoxychlor.	< 0,010 mg/kg	Nitrofen	< 0,010 mg/kg	Nonachlor (cis + trans)	< 0,010 mg/kg
Oxychlorodane	< 0,010 mg/kg	o,p-DDD	< 0,010 mg/kg	o,p-DDT	< 0,010 mg/kg	Oxadiazon	< 0,010 mg/kg
p,p-DDT.	< 0,010 mg/kg	Oxyfluorfen	< 0,010 mg/kg	p,p-DDD	< 0,010 mg/kg	p,p-DDE	< 0,010 mg/kg
Perchlordecone (mirex)	< 0,010 mg/kg	Parathion-methyl	< 0,010 mg/kg	Pentachlorbenzene	< 0,010 mg/kg	Pentachloroanisole	< 0,010 mg/kg
Phenothrin (peak 1)	< 0,010 mg/kg	Permethrin (sum isomers)	< 0,010 mg/kg	Permethrin I	< 0,010 mg/kg	Permethrin II	< 0,010 mg/kg
Phenylphenol,2-	< 0,010 mg/kg	Phenothrin (peak 2)	< 0,010 mg/kg	Phenothrin (sum)	< 0,010 mg/kg	Phenthoate	< 0,010 mg/kg
Piperonylbutoxide	< 0,010 mg/kg	Phorate	< 0,010 mg/kg	Phtalide	< 0,010 mg/kg	Phtalimide.	< 0,010 mg/kg
Quintozene (sum)	< 0,010 mg/kg	Procymidone	< 0,010 mg/kg	Profenophos	< 0,010 mg/kg	Propham	< 0,010 mg/kg
Terbufos	< 0,010 mg/kg	sum of DDT-, DDD- and DDE-i	< 0,010 mg/kg	Tebupirimphos	< 0,010 mg/kg	Tecnazene	< 0,010 mg/kg
Toxaphen P26.	< 0,010 mg/kg	Tetradifon	< 0,010 mg/kg	Thiometon	< 0,010 mg/kg	Toxaphen (sum)	< 0,010 mg/kg
Vinchlozolin	< 0,010 mg/kg	Toxaphen P50.	< 0,010 mg/kg	Toxaphen P62.	< 0,010 mg/kg	Trifluralin	< 0,010 mg/kg

Pesticides LCMSMS

Etofenprox < 0,010 mg/kg

Pesticides LCMSMS (neg. ionisation)

Bentazone-8-hydroxy.	< 0,010 mg/kg	2,4-D	< 0,010 mg/kg	Azadirachtin	< 0,010 mg/kg	Bentazone-6-hydroxy.	< 0,010 mg/kg
Fenoxaprop-P-ethyl	< 0,010 mg/kg	Chlorfluzauron	< 0,010 mg/kg	Clethodim	< 0,010 mg/kg	Diflubenazuron	< 0,010 mg/kg
Fluazinam	< 0,010 mg/kg	Fipronil	< 0,005 mg/kg	Fipronil (sum)	< 0,005 mg/kg	Fipronil sulfon	< 0,005 mg/kg
Hexaconazole	< 0,010 mg/kg	Flubendiamide	< 0,010 mg/kg	Flucycloxuron (E+Z)	< 0,010 mg/kg	Flufenoxuron	< 0,010 mg/kg
Phosmet	< 0,010 mg/kg	Hexaflumuron	< 0,010 mg/kg	Lufenuron	< 0,010 mg/kg	Noviflumuron	< 0,010 mg/kg
Warfarin	< 0,010 mg/kg	Prothioconazole (sum)	< 0,010 mg/kg	Teflubenzuron	< 0,010 mg/kg	Triflumuron	< 0,010 mg/kg

Pesticides LCMSMS (pos. ionisation)

Acephate. < 0,010 mg/kg Acetamidprid. < 0,010 mg/kg Acetochlor. < 0,010 mg/kg

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Alachlor	< 0,010 mg/kg	Aldicarb sulphone.	< 0,010 mg/kg	Aldicarb.	< 0,010 mg/kg
Aminobenzimidazole,2-	< 0,010 mg/kg	Aminopyralid	< 0,010 mg/kg	Azimsulfuron.	< 0,010 mg/kg
Azoxystrobin	< 0,010 mg/kg	Benfuracarb.	< 0,005 mg/kg	Boscalid.	< 0,010 mg/kg
Cadusafos	< 0,010 mg/kg	Carbaryl	< 0,010 mg/kg	Carbendazim	< 0,010 mg/kg
Carbofuran (sum)	< 0,002 mg/kg	Carbofuran.	< 0,005 mg/kg	Carbofuran-3-keto	< 0,002 mg/kg
Chlorantraniliprole	< 0,010 mg/kg	Chloridazon.	< 0,010 mg/kg	Chloroaniline,3-	< 0,010 mg/kg
Chlorthiophos	< 0,010 mg/kg	Clothianidin	< 0,010 mg/kg	Coumaphos	< 0,010 mg/kg
Cyanofenphos	< 0,010 mg/kg	Cyflumetofen	< 0,010 mg/kg	Cymiazole.	< 0,010 mg/kg
Cyprodinil	< 0,010 mg/kg	Cyromazine.	< 0,010 mg/kg	Demeton-S-methyl-sulfon	< 0,010 mg/kg
Diclotophos	< 0,010 mg/kg	Diethyltoluamid (DEET)	< 0,010 mg/kg	Difenoconazole	< 0,010 mg/kg
Dinotefuran	< 0,010 mg/kg	Dodemorph-cis	< 0,010 mg/kg	Dodemorph-trans	< 0,010 mg/kg
Ethion	< 0,010 mg/kg	Ethoprosfos	< 0,010 mg/kg	Fenamiphos	< 0,010 mg/kg
Fenhexamid	< 0,010 mg/kg	Fenoxycarb	< 0,010 mg/kg	Fenpropidin	< 0,010 mg/kg
Fenpyroximat	< 0,010 mg/kg	Fensulfothion	< 0,010 mg/kg	Fenthion	< 0,010 mg/kg
Flamprop-isopropyl.	< 0,010 mg/kg	Fluazifop (free acid).	< 0,010 mg/kg	Fluazifop (sum)	< 0,010 mg/kg
Fluoxastrobin	< 0,010 mg/kg	Fluroxypyr-meptyl	< 0,010 mg/kg	Flusilazole	< 0,010 mg/kg
Furathiocarb	< 0,005 mg/kg	Haloxifop	< 0,010 mg/kg	Haloxifop-2-ethoxyethyl	< 0,010 mg/kg
Heptenophos	< 0,010 mg/kg	Hexazinone	< 0,010 mg/kg	Hexythiazox	< 0,010 mg/kg
Imazapic.	< 0,010 mg/kg	Imazapyr.	< 0,010 mg/kg	Imidacloprid	< 0,010 mg/kg
Iprovalicarb	< 0,010 mg/kg	Isofenphos-methyl	< 0,010 mg/kg	Isoprothiolane	< 0,010 mg/kg
Kresoxim-methyl	< 0,010 mg/kg	Linuron	< 0,010 mg/kg	Malaoxon	< 0,010 mg/kg
Mecarbam	< 0,010 mg/kg	Mesotrione.	< 0,010 mg/kg	Metalaxyl	< 0,010 mg/kg
Metazachloor	< 0,010 mg/kg	Methamidophos	< 0,010 mg/kg	Methidathion	< 0,010 mg/kg
Methomyl	< 0,010 mg/kg	Methoxyfenozide	< 0,010 mg/kg	Metolachlor	< 0,010 mg/kg
Mevinphos	< 0,010 mg/kg	Monocrotophos	< 0,010 mg/kg	Monolinuron	< 0,010 mg/kg
Naphthylacetamide, 1-	< 0,010 mg/kg	Nicosulfuron.	< 0,010 mg/kg	Nitenpyram	< 0,010 mg/kg
Oxadixyl	< 0,010 mg/kg	Oxydemeton-methyl	< 0,010 mg/kg	Paclbutrazol	< 0,010 mg/kg
Paraoxon-methyl	< 0,010 mg/kg	Parathion-ethyl	< 0,010 mg/kg	Penconazole	< 0,010 mg/kg
Penthiopyrad.	< 0,010 mg/kg	Phosalone	< 0,010 mg/kg	Phosphamidon	< 0,010 mg/kg
Pirimicarb	< 0,010 mg/kg	Pirimiphos-ethyl	< 0,010 mg/kg	Pirimiphos-methyl	< 0,010 mg/kg
Prometryn	< 0,010 mg/kg	Propamocarb	< 0,010 mg/kg	Propargite	< 0,010 mg/kg
Propiconazole	< 0,010 mg/kg	Propoxur	< 0,010 mg/kg	Propyzamide	< 0,010 mg/kg
Pyrifenox	< 0,010 mg/kg	Pyrimethanil	< 0,010 mg/kg	Pyriproxyfen	< 0,010 mg/kg
Quinalphos	< 0,010 mg/kg	Quinoxifen	< 0,010 mg/kg	Rotenone	< 0,010 mg/kg
Spinetoram	< 0,010 mg/kg	Spinosad (sum)	< 0,010 mg/kg	Spinosyn A	< 0,010 mg/kg
Spirotetramat (sum incl. 4 met	< 0,010 mg/kg	Spirotetramat-cis-enol	< 0,010 mg/kg	Spirotetramat-cis-keto-hydrox	< 0,010 mg/kg
Spirotetramat-mono-hydroxy	< 0,010 mg/kg	Spiroxamine	< 0,010 mg/kg	Sulfotep	< 0,010 mg/kg
TEPP,O,O-	< 0,010 mg/kg	TEPP,O,S-	< 0,010 mg/kg	Terbutryn	< 0,010 mg/kg
TFNA.	< 0,010 mg/kg	TFNG.	< 0,010 mg/kg	Thiabendazole	< 0,010 mg/kg
Thiamethoxam	< 0,010 mg/kg	Thiodicarb	< 0,010 mg/kg	Tolclofos-methyl	< 0,010 mg/kg
Triadimefon	< 0,010 mg/kg	Triadimenol	< 0,010 mg/kg	Triallate	< 0,010 mg/kg
Trichlorfon	< 0,010 mg/kg	Tricyclazole	< 0,010 mg/kg	Trifloxystrobin	< 0,010 mg/kg
Trimethacarb,3,4,5-	< 0,010 mg/kg	Trinexapac	< 0,010 mg/kg		
				Ametoctradin.	< 0,010 mg/kg
				Azinphos-methyl	< 0,010 mg/kg
				Buprofezin	< 0,010 mg/kg
				Carbendazim (sum)	< 0,010 mg/kg
				Carfentrazone-ethyl	< 0,010 mg/kg
				Chlorpyrifos	< 0,010 mg/kg
				Cyanazine	< 0,010 mg/kg
				Cyproconazole	< 0,010 mg/kg
				Diazinon.	< 0,010 mg/kg
				Dimethoate	< 0,010 mg/kg
				Dodine	< 0,010 mg/kg
				Fenarimol	< 0,010 mg/kg
				Fenpropimorph	< 0,010 mg/kg
				Fenthion (sum)	< 0,010 mg/kg
				Fluopicolide.	< 0,010 mg/kg
				Fonofos	< 0,010 mg/kg
				Haloxifop-methyl	< 0,010 mg/kg
				Imazalil	< 0,010 mg/kg
				Indoxacarb	< 0,010 mg/kg
				Isopyrazam.	< 0,010 mg/kg
				Malathion	< 0,010 mg/kg
				Metamitron	< 0,010 mg/kg
				Methiocarb sulfoxide	< 0,010 mg/kg
				Metolcarb	< 0,010 mg/kg
				Myclobutanil	< 0,010 mg/kg
				Omethoate	< 0,010 mg/kg
				Paraoxon-Ethyl	< 0,010 mg/kg
				Pencycuron	< 0,010 mg/kg
				Picoxystrobin.	< 0,010 mg/kg
				Prochloraz	< 0,010 mg/kg
				Propazine	< 0,010 mg/kg
				Prothiofos	< 0,010 mg/kg
				Pyraquilon	< 0,010 mg/kg
				Sedaxane	< 0,010 mg/kg
				Spinosyn D	< 0,010 mg/kg
				Spirotetramat-enol-glucoside.	< 0,010 mg/kg
				Tebuconazol	< 0,010 mg/kg
				Tetraconazole	< 0,010 mg/kg
				Thiacloprid	< 0,010 mg/kg
				Tolfenpyrad	< 0,010 mg/kg
				Triazophos	< 0,010 mg/kg
				Triforine	< 0,010 mg/kg

Q - Analyses ISO 17025 accredited by RvA (ILAC)
R - Carried out by TLR International Laboratories, location Rotterdam

Samplesize too small, results may be affected!

Analyses according to annex
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ANNEX

Analyses

Enterobacteriaceae/ Other

Start date

28-10-2020

Method Descriptions

Composition Determination

Metal and other elements

Method Description

Determination of arsenic (As), Cadmium (Cd), Lead (Pb); ICP-MS;
***Foodstuffs:destruction Acc. NEN-EN 13805,Analysis Acc NEN-EN-15763
Determination of Mercury (Hg); Hg-analyser
Animalfeed/feedingstuff : eq. NEN-EN16277 Food : eq. NEN-EN15763

Method Code

Own method***

Microbiological Determination

Common

Method Description

Enumeration of Enterobacteriaceae:[AFNOR 01/6-09/97]
Enumeration of micro-organisms (Aerobic plate count) at 30°C

Method Code

Eq.-NEN-ISO 21528-2
AccNEN-EN-ISO 4833-1

Contaminations

Pesticides

Method Description

Flexscope:Determination of the pesticide content; LC-MS-MS method

Method Code

Own method

Pesticides GCMSMS

Method Description

Flexscope:Determination of the pesticide content ; GC-MS method

Method Code

Own method

Pesticides LCMSMS (pos. ionisation)

Method Description

Flexscope:Determination of the pesticide content ; GC-MS method

Method Code

Own method

Abbreviations:

acc: in accordance with
eq: Equivalent to

Analyses according to annex
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