

Client: Naturecan Ltd
Bank Chambers
Stockport
Greater Manchester
SK1 1AR
UNITED KINGDOM

Certificate Code: AR-20-CC-500154-02
Page Number: Page 1 of 4
Reported On: 31/07/2020
Reported By: Roxana Crivat
Analytical Service Manager

PO reference: EU2

Certificate of Analysis

This Certificate Of Analysis supersedes Certificate AR-20-CC-500154-01 dated 07/07/2020

Sample number	444-2020-50000056	Received on	10/06/2020
Your sample code	20-AHA-163	Analysis started on	10/06/2020
Your sample reference	NovaSOL CBD Capsules		
Additional information	180 capsules	Storage condition	Ambient
Matrix	Capsules		

Analyte	Method Ref.	Results	LOQ	MRL mg/kg	Recovery [%]
Test Code	Analyte	Results	Units		Method Ref. ¹
RMM04 †	Aflatoxin B1	<1.0	µg/kg	1 µgµg/kg	
RMM04 †	Aflatoxin B2	<0.20	µg/kg	0.2 µgµg/kg	
RMM04 †	Aflatoxin G1	<0.50	µg/kg	0.5 µgµg/kg	
RMM04 †	Aflatoxin G2	<0.50	µg/kg	0.5 µgµg/kg	
RMM04 †	Aflatoxins total	<2.2	µg/kg		
UD401	Arsenic (As)	0.005	mg/kg	0.002	ICPMS/010 ^{UD}
UD033	Cadmium	<0.001	mg/kg	0.001	ICPMS/010
UD032	Lead	<0.005	mg/kg	0.005	ICPMS/010
UD579	Mercury	0.002	mg/kg	0.001	ICPMS/010
RM254 †	Ochratoxin	< 0.5	µg/kg	0.2 µgµg/kg	
†	Screened pesticides	Not Detected			
†	Screened pesticides	Not Detected			
†	Screened pesticides	Not Detected			
CCBD1 *	Cannabichromene (CBC)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabichromenic Acid (CBCA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabicyclol (CBL)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabidiol (CBD)	2.4033	%	0.0025 %	CBD 001
CCBD1 *	Cannabidiolic Acid (CBDA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabidivarin (CBDV)	0.0082	%	0.0025 %	CBD 001
CCBD1 *	Cannabidivarinic Acid (CBDVA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabigerol (CBG)	0.0261	%	0.0025 %	CBD 001
CCBD1 *	Cannabigerolic Acid (CBGA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Cannabinol (CBN)	0.0040	%	0.0025 %	CBD 001
CCBD1 *	Cannabinolic Acid (CBNA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Tetrahydrocannabinolic Acid (THCA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Tetrahydrocannabivarin (THCV)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Tetrahydrocannabivarinic Acid (THCVA)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Total CBD (CBD+(CBDA X 0.877))	2.4033	%		CBD 001
CCBD1 *	Total THC (THC+ (THCA x 0.877))	<0.0025	%		CBD 001
CCBD1 *	Δ8- Tetrahydrocannabinol (Δ8 -THC)	<0.0025	%	0.0025 %	CBD 001
CCBD1 *	Δ9- Tetrahydrocannabinol (Δ9 -THC)	<0.0025	%	0.0025 %	CBD 001
JCSRA †	1,1,1,2-Tetrachloroethane	<0,01	mg/kg	0.01	



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JCSRA †	1,1,1-Trichloroethane	<0,01	mg/kg	0.01
JCSRA †	1,1,2-Trichloroethane	<0,01	mg/kg	0.01
JCSRA †	1,1-Dichloroethane	<0,05	mg/kg	0.05
JCSRA †	1,2-Dichloroethane	<0,05	mg/kg	0.05
JCSRA †	2-Butanon (Methylethylketon)	<1	mg/kg	1
JCSRA †	2-Methylpentane	<1	mg/kg	1
JCSRA †	3-Methylpentane	<1	mg/kg	1
JCSRA †	Benzene	<0,01	mg/kg	0.01
JCSRA †	Bromodichloromethane	<0,05	mg/kg	0.05
JCSRA †	Chloroform (Trichloromethane)	0.011	mg/kg	0.01
JCSRA †	cis-Dichloroethene	<0,05	mg/kg	0.05
JCSRA †	Dibromochloromethane	<0,05	mg/kg	0.05
JCSRA †	Dichloromethane	<0,05	mg/kg	0.05
JCSRA †	Ethyl Acetate	<1	mg/kg	1
JCSRA †	Ethylbenzene	<0,01	mg/kg	0.01
JCSRA †	m-/p-Xylene	<0,01	mg/kg	0.01
JCSRA †	Methyl acetate	<1	mg/kg	1
JCSRA †	Methylcyclopentane	<1	mg/kg	1
JCSRA †	n-Heptane	<1	mg/kg	1
JCSRA †	n-Hexane	<1	mg/kg	1
JCSRA †	n-Pentane	<1	mg/kg	1
JCSRA †	Styrene	0.010	mg/kg	0.01
JCSRA †	Sum 3 chlorinated solvents	0.011	mg/kg	
JCSRA †	Technical Hexane (calculated)	Nicht berechenbar	mg/kg	
JCSRA †	Tetrachloroethene	<0,01	mg/kg	0.01
JCSRA †	Tetrachloromethane	<0,01	mg/kg	0.01
JCSRA †	Toluene	<0,01	mg/kg	0.01
JCSRA †	trans-Dichloroethene	<0,05	mg/kg	0.05
JCSRA †	Tribromomethane	<0,05	mg/kg	0.05
JCSRA †	Trichloroethene	<0,01	mg/kg	0.01
JCSRA †	Xylene (ortho-)	<0,01	mg/kg	0.01

Comments

Sample contains 14.32mg of CBD.

Analysis performed: PSP47: Pesticide Screening in Fats & Oils (medium)
 PUD25: Heavy Metals (Lead,Cadmium, Arsenic, Mercury)
 CCBD1: Quantification of cannabinoids
 JCSRA: Solvent residues (big scope)
 RM254: Ochratoxin A
 RMA00: Sample preparation Chemistry
 RMM04: Aflatoxin (B1.B2.G1.G2)



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The following residues were sought but not detected above their reporting limits (mg/kg)

Organonitrogen Pesticides and others (GC-MS) - SP411 - (DFG-S19)

2-Phenylphenol (0.03)	Alachlor (0.03)	Ametryn (0.03)	Aminocarb (0.03)	Atrazine (0.03)	Benalaxyl including other mixtures of constituent (0.03)
Bendiocarb (0.03)	Biphenyl (0.03)	Bitertanol (0.03)	Bromacil (0.03)	Bromopropylate (0.03)	Bupirimate (0.03)
Buprofezin (0.03)	Carbaryl (0.03)	Carbofuran (0.03)	Chloridazone (0.03)	Chlorobenzilate/Chloropropylate (0.03)	Chlorpropham (0.03)
Cyanazine (0.03)	Cyproconazole (0.03)	Desmetyrn (0.03)	Dichlobenil (0.03)	Dichlofluanid (0.03)	Dimethylaminosulphotoluidide (DMST) (0.03)
Dimethylphenylsulfamide (DMSA) (0.03)	Dioxacarb (0.03)	Diphenylamine (0.03)	Etofenprox (0.03)	Fenarimol (0.03)	Fenazaquin (0.03)
Fenoxycarb (0.03)	Fenpropimorph (0.03)	Fluazifop-P-butyl (0.03)	Flusilazole (0.03)	Furathiocarb (0.03)	Hexaconazole (0.03)
Hexazinone (0.03)	Iprodione (0.03)	Lenacil (0.03)	Metalaxyl (0.03)	Methabenzthiazuron (0.03)	Methiocarb (0.03)
Metolachlor (0.03)	Metribuzin (0.03)	Myclobutanil (0.03)	Oxadiazon (0.03)	Oxadixyl (0.03)	Penconazole (0.03)
Dimimethalin (0.03)	Piperonyl butoxide (0.03)	Pirimicarb (0.03)	Pirimicarb, desmethyl- (0.03)	Procymidone (0.03)	Promecarb (0.03)
Prometryn (0.03)	Propachlor (0.03)	Propargite (0.03)	Propazine (0.03)	Propham (0.03)	Propiconazole (0.03)
Propoxur (0.03)	Propyzamide (0.03)	Pyrimethanil (0.03)	Sebutylazine (0.03)	Sedaxane (0.03)	Simazine (0.03)
Tebuconazole (0.03)	Teflubenzuron (0.03)	Terbutylazine (0.03)	Terbutryn (0.03)	Tetradifon (0.03)	Tetrahydrophthalimide (THPI) (0.03)
Tolyfluanid (0.03)	Triadimefon (0.03)	Triadimenol (0.03)	Triflumizole (0.03)	Triflumuron (0.03)	Trifluralin (0.03)
Trinexapac-ethyl (0.03)	Vinclzolin (0.03)				

Organochlorine Pesticides and Pyrethroids (GC-ECD) - SP421 - (DFG-S19)

2,3,4,6-Tetrachloranisole (0.005)	Aclonifen (0.01)	Acrinathrin (0.05)	Aldrin (0.005)	Benfluralin (0.005)	Benzoylprop-ethyl (0.01)
Bifenox (0.02)	Bifenthrin (0.05)	Binapacryl (0.02)	Bromocyclen (0.01)	Bromoxynil-octanoate (0.01)	Butralin (0.02)
Chlordane, cis- (0.005)	Chlordane, oxy- (0.005)	Chlordane, trans- (0.005)	Chlorfenapyr (0.01)	Chlorfenprop-methyl (0.02)	Chlorfenson (0.01)
Chloroneb (0.02)	Chlorothalonil (0.01)	Chlorthal-dimethyl (0.005)	Cyfluthrin (0.05)	Cyhalothrin, lambda-bda-(incl. Cyhalothrin, gamma-) (0.05)	Cypermethrin (0.05)
Cyphenothrin (0.05)	DDD, o,p- (0.005)	DDD, p,p'- (0.005)	DDE, o,p- (0.005)	DDE, p,p'- (0.005)	DDT, o,p'- (0.005)
DDT, p,p'- (0.005)	Deltamethrin (0.05)	Dibromobenzophenone, p,p- (0.02)	Dichlobenil (0.01)	Dichlone (0.02)	Dichlorobenzophenone, o,p- (0.02)
Dichlorobenzophenone, p,p- (0.02)	Dicloran (0.005)	Dicofol, o,p- (0.02)	Dicofol, p,p- (0.02)	Dieldrin (0.005)	Dienochlor (0.01)
Dinitramine (0.01)	Dinobuton (0.02)	Endosulfan sulphate (0.01)	Endosulfan, alpha- (0.005)	Endosulfan, beta- (0.005)	Endrin (0.005)
Endrin ketone (0.01)	Ethalfuralin (0.01)	Etridiazole (0.01)	Fenfluthrin (0.05)	Fenpropathrin (0.05)	Fenson (0.01)
Fenvalerate (RR-/SS-Isomers) (0.05)	Fenvalerate (RS-/SR-Isomers) (0.05)	Flubenzimine (0.01)	Fluchloralin (0.01)	Flucythrinate (0.05)	Flumetralin (0.01)
Fluorodifen (0.01)	Fluoromide (0.02)	Genite (0.01)	Hallefenprox (0.05)	HCH, alpha- (0.005)	HCH, beta- (0.005)
HCH, delta- (0.005)	HCH, epsilon- (0.005)	Heptachlor (0.005)	Heptachlor epoxide, cis- (0.005)	Heptachlor epoxide, trans- (0.005)	Hexachlorobenzene (HCB) (0.005)
loxynil-octanoate (0.01)	Isobenzan (0.005)	Isodrin (0.005)	Isopropalin (0.01)	Lindane (gamma-HCH) (0.005)	Methoxychlor (0.01)
Mirex (0.005)	Nitrapyrin (0.01)	Nitrofen (0.01)	Nonachlor, trans- (0.005)	Octachlorstyrene (0.005)	Oxyfluorfen (0.01)
Pendimethalin (0.01)	Pentachloranisole (0.005)	Pentachloroaniline (0.005)	Pentachlorobenzene (0.01)	Pentachloroethoxyanisole (0.005)	Permethrin (0.05)
Pilfenate (0.02)	Polychloroterpene (Camphechlor) (0.5)	Profuralin (0.005)	Quintozene (0.005)	S 421 (0.01)	tau-Fluvalinate (0.05)
Tecnazene (0.005)	Tefluthrin (0.05)	Tetradifon (0.01)	Tetrasul (0.01)	Tralomethrin (0.05)	Transfluthrin (0.05)
Triallate (0.02)	Trichloronat (0.01)	Trifluralin (0.005)			

Organophosphorus Pesticides (GC-FPD) - SP424 - (DFG-S19)

Acephate (0.02)	Azinphos-ethyl (0.05)	Azinphos-methyl (0.05)	Bromfenvinphos (0.02)	Bromophos-ethyl (0.02)	Bromophos-methyl (0.02)
Butamifos (0.02)	Cadusaphos (0.02)	Carbophenothion (0.02)	Carbophenothion-methyl (0.02)	Chlorfenvinphos (0.02)	Chlormephos (0.02)
Chlorpyrifos (-ethyl) (0.01)	Chlorpyrifos-methyl (0.01)	Chlorthion (0.02)	Chlorthiophos (0.02)	Coumaphos (0.1)	Crotoxaphos (0.02)
Cruformate (0.02)	Cyanofenphos (0.05)	Cyanophos (0.02)	Demeton-S-methyl (0.05)	Demeton-S-methyl-sulfone (0.1)	Dialifos (0.02)
Diazinon (0.02)	Dicaphon (0.02)	Dichlofenthion (0.02)	Dichlorvos (0.02)	Dicrotophos (0.02)	Dimfox (0.02)
Dimethoate (0.02)	Dimethylvinphos (0.02)	Dioxabenzofos (0.02)	Dioxathion (0.05)	Disulfoton (0.05)	Disulfoton-sulfon (0.05)
Disulfoton-sulfoxide (0.05)	Ditalimfos (0.02)	Edifenphos (0.05)	Ethion (0.02)	Ethoprophos (0.02)	Etrifimos (0.02)
Fenamiphos (0.02)	Fenamiphos-sulfone (0.05)	Fenamiphos-sulfoxide (0.05)	Fenclorophos (0.02)	Fenclorophos oxon (0.05)	Fenitrothion (0.02)
Fensulfothion (0.02)	Fensulfothion-oxon-sulfone (0.05)	Fensulfothion-oxon-sulfoxide (0.05)	Fensulfothion-sulfone (0.05)	Fenthion (0.02)	Fenthion-oxon-sulfone (0.05)
Fenthion-oxon-sulfoxide (0.05)	Fenthion-sulfone (0.05)	Fenthion-sulfoxide (0.05)	Fonofos (0.02)	Formothion (0.02)	Fosthiataze (0.05)
Fosthietan (0.02)	Heptenophos (0.02)	Iodofenphos (0.05)	Iprobenfos (0.02)	Isazophos (0.02)	Isocarbafos (0.02)
Isofenphos (0.02)	Isofenphos-methyl (0.02)	Isoxathion (0.05)	Leptophos (0.05)	Malaaxon (0.02)	Malathion (0.02)
Mecarbam (0.02)	Mephotholan (0.02)	Merphos (0.05)	Methacriphos (0.02)	Methamidophos (0.02)	Methidathion (0.02)
Mevinphos (0.02)	Monocrotophos (0.02)	Morphothion (0.05)	Omethoate (0.02)	Oxydemeton-methyl (0.1)	Paraoxon-ethyl (0.02)
Paraoxon-methyl (0.02)	Parathion (0.02)	Parathion-methyl (0.02)	Phenkapton (0.05)	Phenthoate (0.02)	Phorate (0.02)
Phorate-sulfone (0.05)	Phorate-sulfoxide (0.05)	Phosalone (0.05)	Phosmet (0.05)	Phosphamidon (0.02)	Pirimiphos-ethyl (0.02)
Pirimiphos-methyl (0.02)	Profenofos (0.02)	Propaphos (0.02)	Propetamphos (0.02)	Prothiofos (0.02)	Prothoate (0.02)
Pyraclafos (0.05)	Pyrazophos (0.05)	Pyridaphenthion (0.02)	Quinalphos (0.02)	Quintiofos (0.02)	Sulfotep (0.02)
Sulprofos (0.05)	TEPP (0.02)	Terbufos (0.02)	Terbufos-sulfone (0.05)	Tetrachlorvinphos (0.02)	Thiometon (0.02)
Tolclofos-methyl (0.02)	Triamphos (0.05)	Triazophos (0.02)	Trichloron (0.1)	Vamidothion (0.05)	

Indicates recovery outside acceptable range of 60 - 140 %

† This compound was screened for however, the QC data were considered unacceptable.



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- ¹ UD: analysis performed at Eurofins Food Testing UK Ltd (Wolverhampton)
† Indicates that the analysis was subcontracted and accredited to ISO 17025
* Indicates the Parameter is not included in the UKAS accreditation schedule for the laboratory

Opinions and interpretations within this report are outside our accreditation scope.
Unless otherwise stated, all results are expressed on a sample as received basis.
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Key: cfu colony forming units
< denotes less than
> denotes greater than
~ estimated value



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