



Agriculture and Food Testing Solutions

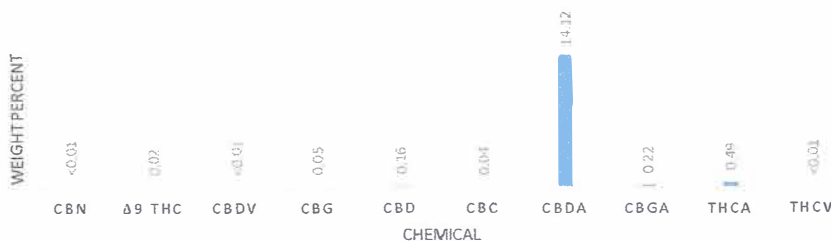
CERTIFICATE OF ANALYSIS

Certificate ID: CS0171_18900-001_C
Client Sample ID: Lifter
Sample Description: Dry Hemp
Receive sample: 15-Nov-18
Initiate analyses: 16-Nov-18

Analyst: Dave Minser		Date: 17-Nov-18
Reviewed by:	Signature: 	Date: 18 Nov 18

Test Type: Total Cannabinoid Profile
Technical Procedure: TP A0033-01

Results:



Chemical Analyzed	% Dry Weight	Concentration (mg/g)
CBN	<0.01	<0.10
Δ ⁹ THC	0.02	0.21
CBDV	<0.01	<0.10
CBG	0.05	0.45
CBD	0.16	1.56
CBC	0.04	0.37
CBDA	14.12	141.18
CBGA	0.22	2.16
THCA	0.49	4.92
THCV	<0.01	<0.10
total THC *	0.45	4.52
total CBD *	12.54	125.37
total	15.09	150.85

* total THC is calculated by Δ^9 THC + $0.877 \times$ THCA

* total CBD is calculated by CBD + $0.877 \times$ CBDA

Concentration of cannabinoids were determined by HPLC-MSMS with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols.

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CERTIFICATE OF ANALYSIS

Certificate ID:
Client Sample ID:
Sample Description:
Receive sample:
Initiate analyses:

CS0171_18900_001_P
Lifter
Dry Hemp
15-Nov-18
25-Nov-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn: Chase Allen

Analyst: Steve Werness	Signature: 	Date: 27 Nov 18
Reviewed by:	Signature: 	Date: 28 Nov 18

Analysis requested: Analysis of concentration of Pesticides in customer supplied material

Results:

Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected
3-hydroxycarbofuran	<10.0 ppb	Dimoxystrobin	<10.0 ppb	Malathion	<10.0 ppb	Pyrethrin II	<100.0 ppb
Acequinocyl	<30.0 ppb	Diniconazole	<10.0 ppb	Mandipropamid	<10.0 ppb	Pyridaben	<10.0 ppb
Acetamiprid	<10.0 ppb	Dinotefuran	<10.0 ppb	Mefenacet	<10.0 ppb	Pyriproxyfen	<10.0 ppb
Aldicarb	<30.0 ppb	Diuron	<10.0 ppb	Mepanipyrim	<10.0 ppb	Quinoxifen	<10.0 ppb
Aldicarb Sulfoxide	<10.0 ppb	Emamectin B1a	<10.0 ppb	Mepronil	<10.0 ppb	Rotenone	<10.0 ppb
Aldoxycarb	<30.0 ppb	Epoxiconazole	<10.0 ppb	Metaflumizone	<10.0 ppb	Siduron	<10.0 ppb
Aminocarb	<10.0 ppb	Ethiofencarb	<10.0 ppb	Metaxyl	<10.0 ppb	Spinetoram	<10.0 ppb
Azoxystrobin	<10.0 ppb	Ethiprole	<10.0 ppb	Metconazole	<10.0 ppb	Spinosad A	<10.0 ppb
Benalaxyl	<10.0 ppb	Ethoprophos	<10.0 ppb	Methabenzthiazuron	<10.0 ppb	Spinosyn D	<30.0 ppb
Bendiocarb	<10.0 ppb	Etiozazole	<10.0 ppb	Methamidophos	<10.0 ppb	Spiromesifen	<100.0 ppb
Bifenazate	<10.0 ppb	Fenamidone	<10.0 ppb	Methiocarb	<10.0 ppb	Spirotetramat	<10.0 ppb
Bitertanol	<10.0 ppb	Fenarimol	<30.0 ppb	Methomyl	<10.0 ppb	Sulfentrazon	<10.0 ppb
Boscalid	<10.0 ppb	Fenazaquin	<10.0 ppb	Methoprotetryne	<10.0 ppb	Tebuconazole	<10.0 ppb
Bromuconazole Isomer 1	<10.0 ppb	Fenbuconazole	<10.0 ppb	Methoxyfenozide	<10.0 ppb	Tebufenazide	<10.0 ppb
Bromuconazole Isomer 2	<10.0 ppb	Fenhexamid	<10.0 ppb	Methyl parathion	<10.0 ppb	Tebufenpyrad	<10.0 ppb
Bupirimate	<10.0 ppb	Fenobucarb	<10.0 ppb	Metobromuron	<10.0 ppb	Tebuthiuron	<10.0 ppb
Butafenacil	<10.0 ppb	Fenoxycarb	<10.0 ppb	Metribuzin	<10.0 ppb	Temephos	<10.0 ppb
Captan	<30.0 ppb	Fenpyroximate	<10.0 ppb	Mevinphos	<10.0 ppb	Tetraconazole	<10.0 ppb
Carbaryl	<10.0 ppb	Fenuron	<10.0 ppb	Mexacarbate	<10.0 ppb	Thiacloprid	<10.0 ppb
Carbendazim	<10.0 ppb	Fipronil	<10.0 ppb	Monocrotophos	<10.0 ppb	Thiamethoxam	<10.0 ppb
Carbetamide	<10.0 ppb	Flonicamid	<100.0 ppb	Monolinuron	<10.0 ppb	Thidiazuron	<10.0 ppb
Carbofuran	<10.0 ppb	Fluazinam	<10.0 ppb	Myclobutanil	<10.0 ppb	Thiobencarb	<10.0 ppb
Carboxin	<10.0 ppb	Fludioxonil	<10.0 ppb	Neburon	<10.0 ppb	Thiophanate-methyl	<10.0 ppb
Carfentrazon-ethyl	<10.0 ppb	Flufenacet	<10.0 ppb	Nitenpyram	<10.0 ppb	Triadimefon	<10.0 ppb
Chloanthraniliprole	<10.0 ppb	Fluometuron	<10.0 ppb	Novaluron	<10.0 ppb	Triadimenol	<10.0 ppb
Chlorotoluron	<10.0 ppb	Fluoxastrobin	<10.0 ppb	Omethoate	<10.0 ppb	Trichlorfon	<10.0 ppb
Chloroxuron	<10.0 ppb	Fluquinconazole	<10.0 ppb	Oxadixyl	<10.0 ppb	Tricyclazole	<10.0 ppb
Chlorpyrifos	<10.0 ppb	Flusilazole	<10.0 ppb	Oxamyl	<10.0 ppb	Trifloxystrobin	<10.0 ppb
Clethodim Isomer 1	<30.0 ppb	Flutolanil	<10.0 ppb	Paclobutrazol	<10.0 ppb	Triflumizole	<10.0 ppb
Clethodim Isomer 2	<10.0 ppb	Flutrafol	<10.0 ppb	Penconazole	<10.0 ppb	Triflurumuron	<10.0 ppb
Clofentazine	<10.0 ppb	Formetanate	<10.0 ppb	Pentachlorobenzene	<10.0 ppb	Triticonazole	<10.0 ppb
Clothianidin	<10.0 ppb	Fuberidazole	<10.0 ppb	Picoxystrobin	<10.0 ppb	Vamidothion	<10.0 ppb
Coumaphos	<10.0 ppb	Furalaxyl	<10.0 ppb	Piperonyl Butoxide	<10.0 ppb	Zoxamide	<10.0 ppb
Cyazofamid	<10.0 ppb	Furathiocarb	<10.0 ppb	Pirimicarb	<10.0 ppb		
Cycluron	<10.0 ppb	Hexaconazole	<10.0 ppb	Prallethrin	<30.0 ppb		
Cyproconazole	<10.0 ppb	Hexaflumuron	<10.0 ppb	Prochloraz	<10.0 ppb		
Cyromazine	<10.0 ppb	Hexythiazox	<10.0 ppb	Promecarb	<10.0 ppb		
Daminozide	<30.0 ppb	Imazalil	<10.0 ppb	Prometon	<10.0 ppb		
Diazinon	<10.0 ppb	Imidacloprid	<10.0 ppb	Propamocarb	<10.0 ppb		
Dichlorvos	<100.0 ppb	Indoxacarb	<10.0 ppb	Propargite	<100.0 ppb		
Diclotophos	<10.0 ppb	Ipconazole	<10.0 ppb	Propiconazole	<10.0 ppb		
Diethofencarb	<10.0 ppb	Iprovalicarb	<10.0 ppb	Propoxur	<10.0 ppb		
Difenoconazole	<10.0 ppb	Isoprocarb	<10.0 ppb	Pymetrozine	<10.0 ppb		
Diflubenzuron	<10.0 ppb	Isoproturon	<10.0 ppb	Pyracarbolid	<10.0 ppb		
Dimethoate	<10.0 ppb	Kresoxym-methyl	<10.0 ppb	Pyraclostrobin	<10.0 ppb		
Dimethomorph	<10.0 ppb	Linuron	<10.0 ppb	Pyrethrin I	<10.0 ppb		

*NR: Not reportable due to interference

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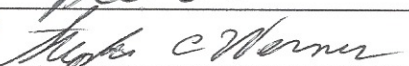


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CERTIFICATE OF ANALYSIS

Certificate ID: CS0171_18900_001_M
Client Sample ID: Lifter
Sample Description: Dry Hemp
Receive sample: 15-Nov-18
Initiate analyses: 3-Dec-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn: Chase Allen

Analyst: Jacob Edwards	Signature: 	Date: 5 Dec 18
Reviewed by:	Signature: 	Date: 05 Dec 18

Analysis requested: Analysis of concentration of mycotoxins in customer supplied material

Results:

Mycotoxin	Concentration Detected
BMAA	<10.0 ppb
B1 Fumonisin	<10.0 ppb
B2 Fumonisin	<10.0 ppb
15-Acetyl-DON	<10.0 ppb
3-Acetyl-DON	<10.0 ppb
DON (Deoxynivalenol)	<10.0 ppb
NIV (Nivalenol)	<10.0 ppb
Cytochalasin B	<10.0 ppb
Cytochalasin D	<10.0 ppb
Cytochalasin A	<10.0 ppb
Cytochalasin E	<10.0 ppb
Aflatoxin G2	<10.0 ppb
Aflatoxin G1	<10.0 ppb
Aflatoxin B1	<10.0 ppb
Aflatoxin B2	<10.0 ppb
Zearalenone	<10.0 ppb
Tenuazonic Acid	<10.0 ppb
DAS (Diacetoxyscirpenol)	<10.0 ppb
MON (Moniliformin)	<10.0 ppb
T2	<10.0 ppb
Ochratoxin A	<10.0 ppb

ppb = ng/g

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CERTIFICATE OF ANALYSIS

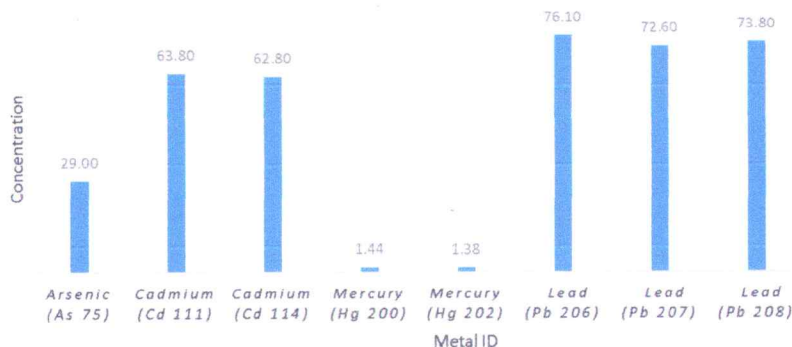
Certificate ID: CS0171_18900_001_HM
Client Sample ID: Lifter
Sample Description: Dry Hemp
Receive sample: 15-Nov-18
Initiate analyses: 16-Nov-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn: Chase Allen

Analyst: Daren Stephens	Signature:	Date: 14 DEC 18
Reviewed by:	Signature:	Date: 14 DEC 18

Test Type: Heavy Metal Content
Technical Procedure: TP A0036-01

Results:



Chemical Analyzed	Concentration (ppb)
Arsenic (As 75)	29.00
Cadmium (Cd 111)	63.80
Cadmium (Cd 114)	62.80
Mercury (Hg 200)	1.44
Mercury (Hg 202)	1.38
Lead (Pb 206)	76.10
Lead (Pb 207)	72.60
Lead (Pb 208)	73.80

Concentration of metals was determined by ICP-MS with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

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