

Certificate of Analysis

Customer: Rock Creek Hemp Patricia Johnson Tiller91@bellsouth.net 828-231-4078	Testing Lab: East Coast Cannalytics 2200 Kraft Drive, Suite 2275 Blacksburg, VA 24060 540-682-3765 info@eccannalytics.com
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Sample: Sample Description: Dried Flower Batch or Sample ID: Otto II Lab ID: 1911ECC0464.1298 Sample Received: 11/22/19 Sample Tested: 11/26/19

Cannabinoid Potency Testing:

Testing for cannabinoids was completed using high pressure liquid chromatography (HPLC) with a DAD detector.

Analyte	LOD mg/g	LOQ mg/g	Concentration mg/g	Concentration %
CBD	0.3	1.0	3.87	0.39%
CBDa	0.3	1.0	167.87	16.79%
CBN	0.3	1.0	ND	ND
delta-9 THC	0.3	1.0	<LOQ	<LOQ
THCa	0.3	1.0	6.14	0.61%

nd = non-detect, LOD = limit of detection, LOQ = below limit of quantification

Total Potential CBD**	151.09	15.11%
Total Potential THC**	5.39	0.54%

Total Potential THC = THCa * 0.877 + delta-9 THC

Total Potential CBD = CBDa * 0.877 + CBD



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www.eccannalytics.com

Pesticides:

Pesticides	
Analyte	PPM
Acetamiprid	ND
Abamectin	ND
Aldicarb	ND
Ancymidol	ND
Azoxystrobin	ND
Bifenazate	ND
Bifenthrin	ND
Boscalid	ND
Carbaryl	ND
Carbofuran	ND
Chlorantraniliprole	ND
Chlorpyrifos	ND
Clofentezine	ND
Cyfluthrin	ND
Daminozide (Alar)	ND
DDVP (Dichlorvos)	ND
Diazinon	ND
Dimethoate	ND
Ethephon	ND
Etoxazole	ND
Fenpyroximate	ND
Fipronil	ND
Flonicamid	ND
Fludioxonil	ND

Pesticides	
Analyte	PPM
Flurprimidol	ND
Hexythiazox	ND
Imazalil	ND
Imidacloprid	ND
Kresoxim-methyl	ND
Malathion	ND
Metalaxl	ND
Methiocarb	ND
Methomyl	ND
Myclobutanil	ND
Naled	ND
Oxamyl	ND
Paclobutrazol	ND
Permethrin (cis+trans)	ND
Phosmet	ND
Piperonyl butoxide	ND
Propicanazole	ND
Pyrethrins	ND
Spinosad	ND
Spiromesifen	ND
Spirotetramat	ND
Thiacloprid	ND
Thiamethoxam	ND
Trifloxystrobin	ND

Mycotoxins:

Mycotoxin		Virginia State Levels
Analyte	PPB	PPB
Aflatoxin B1	ND	<20
Aflatoxin B2	ND	<20
Aflatoxin G1	ND	<20
Aflatoxin G2	ND	<20
Ochratoxin	ND	<20



Heavy Metals:

Analyte	Concentration PPM	Virginia State Levels PPM
Arsenic (As)	<LOD	<10
Cadmium (Cd)	0.090	<4.1
Lead (Pb)	<LOQ	<10
Mercury (Hg)	<LOD	<20

Microbiological Impurity:

Analyte	CFU/g	Virginia State Levels CFU/g
Total Aerobic Microbial Count (TAMC)	ND	<2,000
Total Yeast and Mold Count (TYMC)	ND	<200
E. coli	ND	N/A
Salmonella Sp. (Present/Absent)	ND	N/A

Prepared by:



Rebecca Hobden
CEO & Lab Manager

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