



# Certificate of Analysis

Sample:KN10409005-001

Harvest/Lot ID: Hempress3OR

Seed to Sale #N/A

Batch Date :03/01/21

Batch#: 111

Sample Size Received: 10 gram

Total Weight/Volume: N/A

Retail Product Size: 3.5 gram

Ordered : 04/01/21

sampled : 04/01/21

Completed: 04/16/21 Expires: 04/16/22

Sampling Method: SOP Client Method

**TESTED**

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Apr 16, 2021 | Exotic Canopy Solutions

1524 La Linda Ln  
Chico , CA, 95926, US



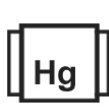
## PRODUCT IMAGE



## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

## CANNABINOID RESULTS



Total THC  
**0.565%**



Total CBD  
**13.920%**



Total Cannabinoids  
**16.935%**

CBDV	CBD	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	<0.010	15.294	0.365	0.042	0.507	<0.010	0.010	0.074	0.010	0.070
mg/g	<0.010	152.940	3.650	0.420	5.070	<0.010	0.100	0.740	0.100	0.700
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
142	0.7765g	NA	NA
Analyte	LOD	Result	
Filtration and Foreign Material	0.3	ND	
Analysis Method -SOP.T.40.013	Batch Date : 04/09/21 14:47:55		
Analytical Batch -KN000712FIL	Reviewed On - 04/09/21 19:45:16		
Instrument Used : E-AMS-138 Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is used for inspection.

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2089g	04/12/21 02:04:03	946
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.			
Analytical Batch -KN000722POT		Reviewed On - 04/13/21 11:40:11	
Instrument Used : HPLC E-SHI-008		Batch Date : 04/12/21 13:59:18	

Reagent	Dilution	Consumers. ID
120320.R02	40	94789291.217
040721.R01		200331059
040721.R02		

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). \*Based on FL action limits.

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Sue Ferguson  
Lab Director

State License # n/a  
ISO Accreditation #  
17025:2017

*Sue Ferguson*  
Signature

04/16/2021

Signed On



# Certificate of Analysis

**TESTED**
**Exotic Canopy Solutions**

 1524 La Linda Ln  
 Chico, CA, 95926, US  
**Telephone:** 5302280969  
**Email:** Beth@exoticcanopsolutions.com

**Sample :** KN10409005-001  
**Harvest/LOT ID:** Hempres3OR

**Batch# :** 111  
**Sampled :** 04/01/21  
**Ordered :** 04/01/21

**Sample Size Received :** 10 gram  
**Total Weight/Volume :** N/A  
**Completed :** 04/16/21 **Expires:** 04/16/22  
**Sample Method :** SOP Client Method

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## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
PULEGONE	0.007	ND	ND		CIS-NEROLIDOL	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND		3-CARENE	0.007	ND	ND	
GERANIOL	0.007	ND	ND		FENCHYL ALCOHOL	0.007	< 0.2	< 0.020	
GERANYL ACETATE	0.007	ND	ND		HEXAHYDROTHYMOL	0.007	ND	ND	
GUAJOL	0.007	0.298	0.029		EUCALYPTOL	0.007	ND	ND	
LIMONENE	0.007	0.803	0.080		ISOBORNEOL	0.007	ND	ND	
LINALOOL	0.007	0.535	0.053		FARNESENE	0.007	3.727	0.372	
NEROL	0.007	ND	ND						
OCIMENE	0.007	< 0.2	< 0.020						
ALPHA-PHELLANDRENE	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINEOL	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
TRANS-CARYOPHYLLENE	0.007	2.625	0.262						
TRANS-NEROLIDOL	0.007	< 0.2	< 0.020						
VALENCENE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
ALPHA-HUMULENE	0.007	0.656	0.065						
ALPHA-PINENE	0.007	2.289	0.228						
ALPHA-TERPINENE	0.007	ND	ND						
BETA-MYRCENE	0.007	4.098	0.409						
BETA-PINENE	0.007	0.691	0.069						
BORNEOL	0.013	ND	ND						
CAMPHENE	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	0.202	0.020						
ALPHA-CEDRENE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	0.777	0.077						
ISOPULEGOL	0.007	ND	ND						



## Terpenes

**TESTED**
**Analyzed by** 138 **Weight** 0.77899g **Extraction date** 04/13/21 11:04:15 **Extracted By** 138

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -KN000729TER** **Reviewed On - 04/14/21 13:26:16**  
**Instrument Used : E-SHI-109 Terpenes**  
**Running On : 04/13/21 16:49:28**  
**Batch Date : 04/13/21 11:30:15**

Reagent	Dilution	Consums. ID
102920.01	8	P7364369
090420.01		P7361234
		7303642
		947B9291.217
		GL0320
		VJF-09-0003
		280075293
		60739-835C6-835F

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending

**Total (%)** 1.670



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 1524 La Linda Ln  
 Chico, CA, 95926, US  
**Telephone:** 5302280969  
**Email:** Beth@exoticcanopysolutions.com

**Sample :** KN10409005-001

**Harvest/LOT ID:** Hempress3OR

**Batch# :** 111

**Sampled :** 04/01/21

**Ordered :** 04/01/21

**Sample Size Received :** 10 gram

**Total Weight/Volume :** N/A

**Completed :** 04/16/21 **Expires:** 04/16/22

**Sample Method :** SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



## Pesticides

**PASSED**

<b>Analyzed by</b> 143	<b>Weight</b> 0.5061g	<b>Extraction date</b> 04/09/21 11:04:10	<b>Extracted By</b> 143
<b>Analysis Method</b> - SOP.T.30.060, SOP.T.40.060 , <b>Analytical Batch</b> - KN000708PES			<b>Reviewed On</b> - 04/09/21 19:45:16
<b>Instrument Used</b> : E-SHI-125 Pesticides <b>Running On</b> : 04/09/21 13:17:29			<b>Batch Date</b> : 04/09/21 11:23:28
<b>Reagent</b> 032321.R03 033121.R44 040521.R27 040521.R28	<b>Dilution</b> 10	<b>Consums. ID</b> P7364369 00302193	
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *Based on FL action limits. *			

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**Sue Ferguson**

Lab Director

 State License # n/a  
 ISO Accreditation #  
 17025:2017

Signature

04/16/2021

Signed On





# Certificate of Analysis

TESTED

## Exotic Canopy Solutions

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Chico, CA, 95926, US  
Telephone: 5302280969  
Email: Beth@exoticcanopsolutions.com

Sample : KN10409005-001  
Harvest/LOT ID: Hempres3OR

Batch# : 111  
Sampled : 04/01/21  
Ordered : 04/01/21

Sample Size Received : 10 gram  
Total Weight/Volume : N/A  
Completed : 04/16/21 Expires: 04/16/22  
Sample Method : SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>
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Analyte	LOD	Result
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_TERREUS		not present in 1 gram.

Analysis Method -SOP.T.40.043  
Analytical Batch -KN000718MIC Batch Date : 04/12/21  
Instrument Used : Micro E-HEW-069  
Running On : 04/14/21

Analyzed by	Weight	Extraction date	Extracted By
142	1.0014g	NA	NA

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

	<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS		ppm	0.000	

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -KN000709MYC | Reviewed On - 04/12/21 09:01:21  
Instrument Used : E-SHI-125 Mycotoxins  
Running On : 04/09/21 13:18:07  
Batch Date : 04/09/21 11:23:47

Analyzed by	Weight	Extraction date	Extracted By
143	0.5061g	04/09/21 01:04:56	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. \*Based on FL action limits.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Dilution	Consums. ID
040521.R20	50	7285/0030023
040521.R03		201015060
040521.R04		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	0.191	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	0.084	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2518g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN000737HEA | Reviewed On - 04/14/21 17:48:45  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 04/14/21 14:01:48

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. Analytes ISO Pending. \*Based on FL action limits.