



# Certificate of Analysis

Sample: KN21017003-004  
Harvest/Lot ID: 1072944  
Batch#: 1676  
Seed to Sale# N/A  
Batch Date: 10/13/22  
Sample Size Received: 10.28 gram  
Total Batch Size: N/A  
Retail Product Size: 3.5 gram  
Ordered: 10/13/22  
Sampled: 10/13/22  
Completed: 10/21/22  
Sampling Method: N/A

**TESTED**

Page 1 of 4

Oct 21, 2022 | C. Oregon LLC

2145 Getty Cir 5  
Cottage Grove, OR, 97424, US

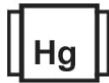
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**NOT TESTED**



Filtth  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.



**Cannabinoid**

**TESTED**



Total THC  
**0.6015%**



Total CBD  
**18.368%**



Total Cannabinoids  
**23.4658%**

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.0358	19.2432	1.832	0.0875	1.4918	0.01	<0.01	ND	0.0625	<0.01	ND	0.0884	0.6146	ND	ND	ND
mg/g	0.358	192.432	18.32	0.875	14.918	0.1	<0.1	ND	0.625	<0.1	ND	0.884	6.146	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2837, 2692

Weight:  
0.2036g

Extraction date:  
10/17/22 11:24:34

Extracted by:  
2837

**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** : KN003028POT  
**Instrument Used** : HPLC E-SHI-008  
**Running on** : N/A

**Reviewed On** : 10/18/22 14:57:14  
**Batch Date** : 10/14/22 14:57:19

**Dilution** : N/A  
**Reagent** : 090122.02; 100422.02; 070822.R01; 063022.R02; 092622.06; 080822.06  
**Consumables** : 294033242; n/a; 270314; 947.109 B9291.271; 0030220  
**Pipette** : E-GIL-010; E-EPP-081


Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN 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



Signature

10/21/22

Signed On



# Certificate of Analysis

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C. Oregon LLC

2145 Getty Cir 5  
Cottage Grove, OR, 97424, US  
Telephone: (541) 221-9358  
Email: kelly@cultivaroregon.com

Sample : KN21017003-004  
Harvest/Lot ID: 1072944

Batch# : 1676  
Sampled : 10/13/22  
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Completed : 10/21/22 Expires: 10/21/23  
Sample Method : SOP Client Method

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## Pesticides

PASSED

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

Analyzed by: 2803	Weight: 0.5069g	Extraction date: 10/18/22 12:56:01	Extracted by: 2803
Analysis Method : SOP.T.30.060, SOP.T.40.060		Reviewed On : 10/18/22 12:58:10	
Analytical Batch : KN003021PES		Batch Date : 10/14/22 09:05:37	
Instrument Used : E-SHI-125 Pesticides			
Running on : N/A			
Dilution : 0.01			
Reagent : N/A			
Consumables : N/A			
Pipette : N/A			

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). \*Based on FL action limits.



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2145 Getty Cir 5  
Cottage Grove, OR, 97424, US  
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Email: kelly@cultivaroregon.com


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Completed : 10/21/22 Expires: 10/21/23  
Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02
<b>Analyzed by:</b> 2805 <b>Weight:</b> 1.0557g <b>Extraction date:</b> 10/17/22 15:46:52 <b>Extracted by:</b> 2805 <b>Analysis Method :</b> SOP.T.40.043 <b>Analytical Batch :</b> KN003032MIC <b>Instrument Used :</b> Micro E-HEW-069 <b>Running on :</b> N/A <b>Dilution :</b> N/A <b>Reagent :</b> 082622.03; 072722.01 <b>Consumables :</b> 41069-116C4-116B; 242429; 0980420; P7404184; 250346; 253850; 93825; 005104; n/a; 10RWJ0415W03; QJ032G <b>Pipette :</b> E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054; E-THE-055; E-BIO-188	<b>Reviewed On :</b> 10/17/22 19:18:51 <b>Batch Date :</b> 10/17/22 09:13:00		<b>Analyzed by:</b> 2803 <b>Weight:</b> 0.5069g <b>Extraction date:</b> 10/18/22 13:08:34 <b>Extracted by:</b> 2803 <b>Analysis Method :</b> SOP.T.30.060, SOP.T.40.060 <b>Analytical Batch :</b> KN003029MYC <b>Instrument Used :</b> E-SHI-125 Mycotoxins <b>Running on :</b> N/A <b>Dilution :</b> 0.01 <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A <b>Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.</b>		<b>Reviewed On :</b> 10/18/22 13:16:17 <b>Batch Date :</b> 10/14/22 16:14:08						

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	<0.1	PASS	0.2
CADMIUM-CD	0.02	ppm	0.1399	PASS	0.2
MERCURY-HG	0.02	ppm	ND	PASS	0.2
LEAD-PB	0.02	ppm	0.1281	PASS	0.5
<b>Analyzed by:</b> 2368, 2837, 12 <b>Weight:</b> 0.2506g <b>Extraction date:</b> 10/18/22 15:38:59 <b>Extracted by:</b> 2837 <b>Analysis Method :</b> SOP.T.40.050, SOP.T.30.052 <b>Analytical Batch :</b> KN003035HEA <b>Instrument Used :</b> Metals ICP/MS <b>Running on :</b> N/A <b>Dilution :</b> N/A <b>Reagent :</b> 090122.02; 100722.R01; 101322.R14; 031620.03; 082922.09; 081922.R08; 101422.R14 <b>Consumables :</b> 40554-834C4-834D; 829C6-829B; 108779-06-102921; 12532-225CD-225C <b>Pipette :</b> E-VWR-120; E-VWR-122	<b>Reviewed On :</b> 10/20/22 12:58:37 <b>Batch Date :</b> 10/17/22 09:47:53				

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.



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C. Oregon LLC

2145 Getty Cir 5  
Cottage Grove, OR, 97424, US  
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Email: kelly@cultivaroregon.com

Sample : KN21017003-004  
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Total Batch Size : N/A  
Completed : 10/21/22 Expires: 10/21/23  
Sample Method : SOP Client Method

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	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2805	Weight: 0.7492g	Extraction date: 10/17/22 15:51:02	Extracted by: 2805
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Analysis Method : SOP.T.30.074, SOP.T.40.074  
Analytical Batch : KN003038FIL  
Instrument Used : E-AMS-138 Microscope  
Running on : N/A

Reviewed On : 10/17/22 15:51:58  
Batch Date : 10/17/22 15:48:10

Dilution : N/A  
Reagent : N/A  
Consumables : 0980420  
Pipette : N/A


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

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**Sue Ferguson**

Lab Director

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



Signature

10/21/22

Signed On