INOV8
DISTRIBUTION

Hemp-derived D9

Compliance Packet

Proprietary Information Enclosed

Certificates of Analysis

Material Type	Batch/Lot #	Company Name
Biomass	NA /8989500.016	Inov8 Distribution
Starting Hemp Oil	BSD101520	Inov8 Distribution
Isolate	EGI26921A	Inov8 Distribution
Hemp Derived D9	21-014137/D002.R000	Inov8 Distribution

Farm Information

Colorado Department ofAgriculture Hemp Registration # 08-103970

Registration attached within this packet

Manufacturer and Distributor information

Inov8 Distribution distributes all of its own products.

3rd party testing facility information

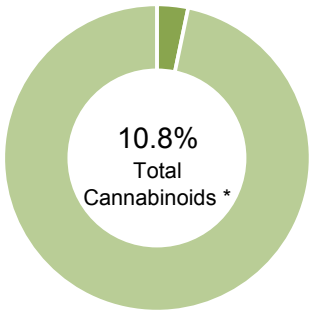
See attached COAs

CERTIFICATE OF ANALYSIS

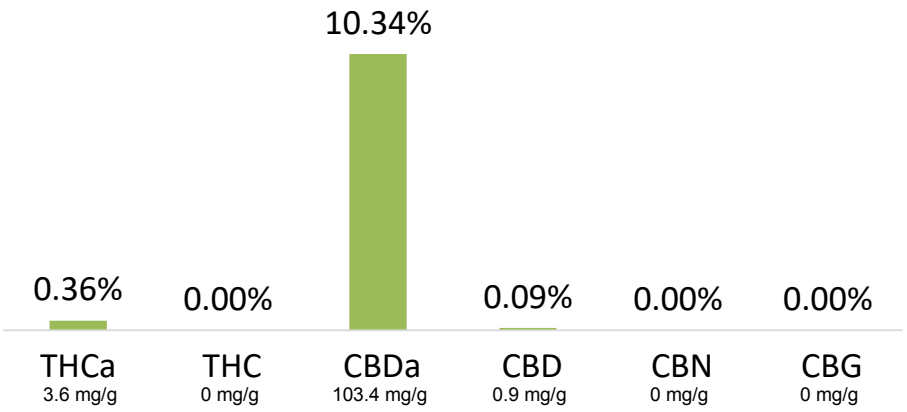
SD

Batch ID:	N/A	**Test ID:**	8989500.016
Reported:	18-Apr-2020	**Method:**	TM01
Type:	Plant		
Test:	Potency		

CANNABINOID PROFILE



- Total Potential THC 0.31% **
- Total Potential CBD 9.16% **



** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.*

*** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.*
*Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))*

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

NOTES:

Free from visual mold, mildew, and foreign matter.

Certificate reissued with corrected customer name.

FINAL APPROVAL

Greg Zimpfer
18-Apr-2020
12:27 PM

PREPARED BY / DATE

David Green
18-Apr-2020
12:35 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Services, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

Certificate #4329.02

Certificate of Analysis

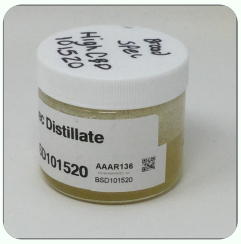
ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE

Order #: 976201015-020020

Batch #: BSD101520
Sample #: AAAR136
Specimen Type: CBD/HEMP Derivative Products (Inhalation - Heated)
Extracted From: Hemp
Description: Broad Spectrum Distillate Batch #101520

Initial Gross Weight: 112 g
Specimen Weight: 267.4 mg
Method: SOP-3

Potency	Heavy Metals	Mycotoxins
Tested	**Passed**	**Passed**
Pesticides	**Residual Solvents**	**Listeria Monocytogenes**
Passed	**Passed**	**Passed**
Pathogenic		
Passed		



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

Total CBD	Total THC	Total CBG
78.270%	**Not Detected**	**0.587%**
Total CBN	**Other Cannabinoids**	**Total Cannabinoids**
1.598%	**2.503%**	**82.958%**

Potency - 11 (Tested) (HPLC/LCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	16.950	1.695	0.001	**CBD**	782.700	78.270	0.001	**CBDA**		<LOQ	0.001
CBDV	8.083	0.808	0.001	**CBG**	5.867	0.587	0.001	**CBGA**		<LOQ	0.001
CBN	15.980	1.598	0.001	**Delta-8 THC**		<LOQ	0.001	**Delta-9 THC**		<LOQ	0.001
THCA-A		<LOQ	0.001	**THCV**		<LOQ	0.001	**Total CBD**	782.700	78.270	0.001
Total THC		<LOQ	0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection , *Measurement of Uncertainty = +/- 5%

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
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CLIA No. 10D1094068

Certificate of Analysis

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE

Order #: 976201015-020020

Batch #: BSD101520
Sample #: AAAR136
Specimen Type: CBD/HEMP Derivative Products (Inhalation - Heated)
Extracted From: Hemp
Description: Broad Spectrum Distillate Batch #101520

Initial Gross Weight: 112 g
Specimen Weight: 267.4 mg
Method: SOP-3

Heavy Metals (Passed) (ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	**Cadmium (Cd)**	500	<LOQ	100	**Lead (Pb)**	500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed) (LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1	20	<LOQ	6	**Aflatoxin B2**	20	<LOQ	6	**Aflatoxin G1**	20	<LOQ	6
Aflatoxin G2	20	<LOQ	6	**Ochratoxin A**	20	<LOQ	12				

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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Specimen Type: CBD/HEMP Derivative Products (Inhalation - Heated)
Extracted From: Hemp
Description: Broad Spectrum Distillate Batch #101520

Initial Gross Weight: 112 g
Specimen Weight: 267.4 mg
Method: SOP-3

Pesticides FL V4 (Inhalable) (Passed) (LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	100	<LOQ	28.23
Acetamiprid	100	<LOQ	30
Bifenazate	100	<LOQ	30
Captan	700	<LOQ	30
Chlorantraniliprole	1000	<LOQ	10
Chlormequat Chloride	1000	<LOQ	10
Cypermethrin	500	<LOQ	30
Dichlorvos	100	<LOQ	30
Ethoprophos	100	<LOQ	30
Fenhexamid	100	<LOQ	10
Fipronil	100	<LOQ	30
Hexythiazox	100	<LOQ	30
Kresoxim Methyl	100	<LOQ	30
Methiocarb	100	<LOQ	30
Mevinphos	100	<LOQ	10
Oxamyl	500	<LOQ	30
Permethrin	100	<LOQ	30
Prallethrin	100	<LOQ	30
Pyrethrins	500	<LOQ	30
Spinosad	100	<LOQ	30
Spiroxamine	100	<LOQ	30
Thiamethoxam	500	<LOQ	30
Acephate	100	<LOQ	30
Aldicarb	100	<LOQ	30
Bifenthrin	100	<LOQ	30
Carbaryl	500	<LOQ	10
Chlordane	100	<LOQ	10
Chlorpyrifos	100	<LOQ	30
Coumaphos	100	<LOQ	48
Daminozide	100	<LOQ	30
Dimethoate	100	<LOQ	30
Etofenprox	100	<LOQ	30
Fenoxycarb	100	<LOQ	30
Flonicamid	100	<LOQ	30
Imazalil	100	<LOQ	30
Malathion	100	<LOQ	30
Methomyl	100	<LOQ	30
Myclobutanil	100	<LOQ	30
Paclobutrazol	100	<LOQ	30
Phosmet	100	<LOQ	30
Propiconazole	100	<LOQ	30
Pyridaben	200	<LOQ	30
Spiromesifen	100	<LOQ	30
Tebuconazole	100	<LOQ	30
Trifloxystrobin	100	<LOQ	30
Acequinocyl	100	<LOQ	48
Azoxystrobin	100	<LOQ	10
Boscalid	100	<LOQ	10
Carbofuran	100	<LOQ	10
Chlorfenapyr	100	<LOQ	30
Clofentezine	200	<LOQ	30
Cyfluthrin	500	<LOQ	30
Diazinon	100	<LOQ	30
Dimethomorph	200	<LOQ	48
Etoxazole	100	<LOQ	30
Fenpyroximate	100	<LOQ	30
Fludioxonil	100	<LOQ	48
Imidacloprid	400	<LOQ	30
Metalaxyl	100	<LOQ	10
methyl-Parathion	100	<LOQ	10
Naled	250	<LOQ	30
Pentachloronitrobenz-ene	150	<LOQ	10
Piperonylbutoxide	3000	<LOQ	30
Propoxur	100	<LOQ	30
Spinetoram	200	<LOQ	10
Spirotetramat	100	<LOQ	30
Thiacloprid	100	<LOQ	30

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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Description: Broad Spectrum Distillate Batch #101520

Initial Gross Weight: 112 g
Specimen Weight: 267.4 mg
Method: SOP-3

Residual Solvents (CBD) (Passed) (GC/GCMS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
1,1-Dichloroethene	8	<LOQ	0.16	**1,2-dichloroethane**	5	<LOQ	0.04	**Acetone**	5000	<LOQ	2.08
Benzene	2	<LOQ	0.02	**Butanes**	2000	<LOQ	2.5	**Acetonitrile**	410	<LOQ	1.17
Ethanol	5000	<LOQ	2.78	**Ethyl Acetate**	5000	<LOQ	1.11	**Chloroform**	60	<LOQ	0.04
Ethylene Oxide	5	<LOQ	0.1	**Heptane**	5000	<LOQ	1.39	**Ethyl Ether**	5000	<LOQ	1.39
Isopropyl alcohol	500	<LOQ	1.39	**Methanol**	3000	<LOQ	0.69	**Hexane**	290	<LOQ	1.17
Pentane	5000	<LOQ	2.08	**Propane**	2100	<LOQ	5.83	**Methylene chloride**	600	<LOQ	2.43
Total Xylenes	2170	<LOQ	2.92	**Trichloroethylene**	80	<LOQ	0.49	**Toluene**	890	<LOQ	2.92

(ppm) = Parts per Million, (ppm) = (µg/g), , LOQ = Limit of Quantitation

Listeria Monocytogenes (Passed) (qPCR)

Analyte	Result
Listeria Monocytogenes	Absence in 1g

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Specimen Weight: 267.4 mg
Method: SOP-3

Pathogenic SE (qPCR) (Passed) (qPCR)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
E.Coli	Absence	**Salmonella**	Absence

(cfu/g) = Colony Forming Unit per Gram

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Certificate of Analysis

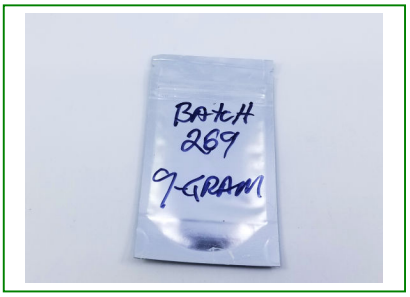
QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20211115-015
Sample: CA220202-013-035
CBD isolate- EGI26921A
Strain: CBD isolate- EGI26921A
Category: Concentrates & Extracts

Batch#: EGI26921A
Batch Size Collected:
Total Batch Size:
Collected: 11/17/2021; Received: 11/17/2021
Completed: 02/02/2022

Moisture	Total THC	Total CBD	Total Cannabinoids	Total Terpenes
NT	**ND**	**99.25%**	**99.89%**	**NT**
Water Activity				
NT				

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-001 High	11/15/2021	Complete
Residual Solvents	CO-RS-PREP-001	11/15/2021	Pass
Microbials	MICRO-PREP-001	11/16/2021	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	11/15/2021	Pass
Heavy Metals	HM-PREP-001	11/15/2021	Pass
Foreign Matter	FM-PREP-001	11/15/2021	Pass
Pesticides	PESTMYCO-LC-PREP-001 / PEST-GC-PREP-001	11/15/2021	Pass



Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
THCa	0.5060	0.1271	ND	ND
Δ9-THC	0.5060	0.1408	ND	ND
Δ8-THC	0.5060	0.0695	ND	ND
THCV	0.5060	0.0582	ND	ND
CBDa	0.5060	0.1307	ND	ND
CBD	0.5060	0.1121	99.25	992.5

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
CBDV	0.5060	0.0579	0.64	6.4
CBN	0.5060	0.1073	ND	ND
CBGa	0.5452	0.1817	ND	ND
CBG	0.5390	0.1797	ND	ND
CBC	0.6255	0.2085	ND	ND
Total THC			**ND**	**ND**
Total CBD			**99.25**	**992.52**
Total			**99.89**	**998.94**

Total THC=THCa * 0.877 + d9-THC;Total CBD = CBDa * 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.

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Lic# C8-0000019-LIC

Josh M Swider

Josh Swider
Lab Director, Managing Partner
02/02/2022

ICAL ID: 20211115-015
Sample: CA220202-013-035
CBD isolate- EGI26921A
Strain: CBD isolate- EGI26921A
Category: Concentrates & Extracts

Batch#: EGI26921A
Batch Size Collected:
Total Batch Size:
Collected: 11/17/2021; Received: 11/17/2021
Completed: 02/02/2022

Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND	0.5091	0.1697	1	Pass
Benzene	ND	0.0639	0.0213	1	Pass
Chloroform	ND	0.1084	0.0361	1	Pass
Ethylene Oxide	ND	0.5787	0.1529	1	Pass
Methylene-Chloride	ND	0.7288	0.1267	1	Pass
Trichloroethene	ND	0.1454	0.0179	1	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	ND	51.2457	17.0819	5000	Pass
Acetonitrile	ND	0.3593	0.1198	410	Pass
Butane	ND	4.8491	0.9709	5000	Pass
Ethanol	ND	7.8434	2.6145	5000	Pass
Ethyl-Acetate	ND	2.2878	0.3125	5000	Pass
Ethyl-Ether	ND	3.5475	1.1825	5000	Pass
Heptane	ND	2.8588	0.6866	5000	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
n-Hexane	ND	0.2807	0.0659	290	Pass
Isopropanol	ND	3.8401	1.28	5000	Pass
Methanol	ND	8.9165	2.9722	3000	Pass
Pentane	ND	4.2706	0.9619	5000	Pass
Propane	ND	13.3022	4.4341	5000	Pass
Toluene	ND	0.8637	0.0882	890	Pass
Xylenes	ND	0.857	0.1007	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	0.006	0.002	0.001	0.2	Pass
Lead	<LOQ	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.

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Josh M Swider

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Lab Director, Managing Partner
02/02/2022

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20211115-015
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Strain: CBD isolate- EGI26921A
Category: Concentrates & Extracts

Batch#: EGI26921A
Batch Size Collected:
Total Batch Size:
Collected: 11/17/2021; Received: 11/17/2021
Completed: 02/02/2022

Chemical Residue Screening

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.008	Pass
Carbofuran	ND	0.030	0.005	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.046	0.015	Pass
Coumaphos	ND	0.030	0.004	Pass
Daminozide	ND	0.053	0.018	Pass
Dichlorvos	ND	0.055	0.018	Pass
Dimethoate	ND	0.030	0.006	Pass
Ethoprophos	ND	0.030	0.006	Pass
Etofenprox	ND	0.030	0.004	Pass
Fenoxycarb	ND	0.030	0.004	Pass
Fipronil	ND	0.050	0.017	Pass
Imazalil	ND	0.030	0.009	Pass
Methiocarb	ND	0.030	0.002	Pass
Mevinphos	ND	0.030	0.008	Pass
Paclobutrazol	ND	0.030	0.009	Pass
Parathion Methyl	ND	0.024	0.008	Pass
Propoxur	ND	0.030	0.008	Pass
Spiroxamine	ND	0.030	0.006	Pass
Thiacloprid	ND	0.030	0.005	Pass

Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	ND	8.98	2.96		Tested
B2	ND	10.17	3.36		Tested
G1	ND	5.25	1.73		Tested
G2	ND	6.26	2.07		Tested
Ochratoxin A	ND	13.37	4.41	20	Pass
Total Aflatoxins	ND			20	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.099	0.033	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass
Bifenthrin	ND	0.030	0.004	3	Pass
Boscalid	ND	0.030	0.008	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass
Cypermethrin	ND	0.181	0.060	1	Pass
Diazinon	ND	0.030	0.005	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass
Imidacloprid	ND	0.033	0.011	5	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Malathion	ND	0.030	0.003	0.5	Pass
Metalaxyl	ND	0.030	0.005	2	Pass
Methomyl	ND	0.030	0.009	1	Pass
Myclobutanil	ND	0.030	0.007	0.1	Pass
Naled	ND	0.030	0.008	0.1	Pass
Oxamyl	ND	0.030	0.007	0.5	Pass
Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Permethrin	ND	0.030	0.002	0.5	Pass
Phosmet	ND	0.030	0.005	0.1	Pass
Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Prallethrin	ND	0.071	0.023	0.1	Pass
Propiconazole	ND	0.030	0.009	0.1	Pass
Pyrethrins	ND	0.030	0.003	0.5	Pass
Pyridaben	ND	0.030	0.002	0.1	Pass
Spinetoram	ND	0.030	0.001	0.1	Pass
Spinosad	ND	0.030	0.001	0.1	Pass
Spiromesifen	ND	0.030	0.009	0.1	Pass
Spirotetramat	ND	0.030	0.008	0.1	Pass
Tebuconazole	ND	0.030	0.006	0.1	Pass
Thiamethoxam	ND	0.030	0.008	5	Pass
Trifloxystrobin	ND	0.030	0.003	0.1	Pass

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.

Infinite Chemical Analysis Labs
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Josh M Swider

Josh Swider
Lab Director, Managing Partner
02/02/2022

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

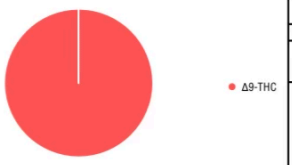
Report Number: 21-014137/D002.R000
Report Date: 12/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 12/03/21 13:30

Customer:
Product identity: Hemp Derived Dist #11
Client/Metrc ID: .
Laboratory ID: 21-014137-0011

Summary

Potency:

Analyte	Result (%)
Δ9-THC	89.9



THC-Total	89.9%
CBD-Total	<LOQ

(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile†	< LOQ for all analytes		

Metals:

Less than LOQ for all analytes.

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ORELAP#: OR100028
Purchase Order:
Received: 12/03/21 13:30

Customer:

Product identity: Hemp Derived Dist #11
Client/Metrc ID: .
Sample Date:
Laboratory ID: 21-014137-0011
Evidence of Cooling: No
Temp: 20.2 °C
Relinquished by: UPS

DEV NUTRAPRODUCTS

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2110964 **Analyze:** 12/7/21 10:52:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0958	
CBC-A†	< LOQ		0.0958	
CBC-Total†	< LOQ		0.180	
CBD	< LOQ		0.0958	
CBD-A	< LOQ		0.0958	
CBD-Total	< LOQ		0.180	
CBDV†	< LOQ		0.0958	
CBDV-A†	< LOQ		0.0958	
CBDV-Total†	< LOQ		0.179	
CBE†	< LOQ		0.0958	
CBG†	< LOQ		0.0958	
CBG-A†	< LOQ		0.0958	
CBG-Total	< LOQ		0.179	
CBL†	< LOQ		0.0958	
CBL-A†	< LOQ		0.0958	
CBL-Total†	< LOQ		0.180	
CBN	< LOQ		0.0958	
CBT†	< LOQ		0.0958	
Δ8-THC†	< LOQ		0.0958	
Δ8-THCV	< LOQ		0.0958	
Δ9-THC	89.9		0.958	
THC-A	< LOQ		0.0958	
THC-Total	89.9		1.04	
THCV†	< LOQ		0.0958	
THCV-A†	< LOQ		0.0958	
THCV-Total†	< LOQ		0.179	
Total Cannabinoids†	89.9			

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Solvents

Method Residual Solvents by GC/MS **Units** µg/g **Batch** 2110881 **Analyze** 12/07/21 07:58 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Pesticides

Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2110906 **Analyze** 12/07/21 01:16 PM

Analyte	Result	Limits	Status	Notes
Multi-Residue Pesticide Profile†	< LOQ for all analytes			

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0480	2110945	12/08/21	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0480	2110945	12/08/21	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0480	2110945	12/08/21	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.0240	2110945	12/08/21	AOAC 2013.06 (mod.)	pass	X

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Purchase Order:
Received: 12/03/21 13:30

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aflatoxin B2†	< LOQ		µg/kg	5.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
Aflatoxin B1†	< LOQ		µg/kg	5.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
Aflatoxin G1†	< LOQ		µg/kg	5.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
Aflatoxin G2†	< LOQ		µg/kg	5.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
Deoxynivalenol†	< LOQ		µg/kg	200	2110902	12/07/21	AOAC 2007.01 & EN 15		
Fumonisin B1†	< LOQ		µg/kg	200	2110902	12/07/21	AOAC 2007.01 & EN 15		
Fumonisin B2†	< LOQ		µg/kg	200	2110902	12/07/21	AOAC 2007.01 & EN 15		
HT2-Toxin†	< LOQ		µg/kg	40.0	2110902	12/07/21	AOAC 2007.01 & EN 15		
Nivalenol†	< LOQ		µg/kg	400	2110902	12/07/21	AOAC 2007.01 & EN 15		
Ochratoxin A†	< LOQ		µg/kg	5.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
Ochratoxin B†	< LOQ		µg/kg	2.00	2110902	12/07/21	AOAC 2007.01 & EN 15		
T2-Toxin†	< LOQ		µg/kg	20.0	2110902	12/07/21	AOAC 2007.01 & EN 15		
Zearalenone†	< LOQ		µg/kg	200	2110902	12/07/21	AOAC 2007.01 & EN 15		