

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Delta 8 - G**

Sample ID SD230504-015 (74786)	Matrix Concentrate (Inhalable Cannabis Good)	
Distributor License 0879956	Address 801 Barton Springs Road, Austin, Texas 78704	Name Inov8 Distribution
Sampled -	Received May 03, 2023	Reported May 08, 2023
Analyses executed CAN+		

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.17% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-THC or d9-THC. At this time there are no reference standards available for (+)-THC. (+)-THC is a different compound from the main (-)-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-THC and d9-THC with the majority, if not all, of the concentration being (+)-THC. Total (+/-) D8 Concentration is estimated to be: 83.38%

CAN+ - Cannabinoids Analysis

Analyzed **May 08, 2023** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	2.69	26.88
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	83.38	833.80
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			83.38	833.80
Total CBD (CBDA * 0.877 + CBD)			ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND
Total Cannabinoids			86.07	860.68

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Mon, 08 May 2023 12:48:23 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1

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Sample: 11-28-2022-27525

Sample Received: 11/28/2022;

Report Created: 11/30/2022; Expires: 11/30/2023

THC-a
Concentrate & Extracts



86.040%

Total THC

0.372%

Δ-9 THC

98.884 %

Total Cannabinoids

ND %

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)

Date Tested: 11/28/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0926	0.1389	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0926	0.1389	0.372	3.722	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0926	0.1389	97.682	976.824	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0926	0.1389	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0926	0.1389	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0926	0.1389	0.631	6.309	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0926	0.1389	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0926	0.1389	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0926	0.1389	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0926	0.1389	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0926	0.1389	ND	ND	
Cannabidivarin (CBDV)	0.0926	0.1389	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0926	0.1389	ND	ND	
Cannabidiol (CBD)	0.0926	0.1389	ND	ND	
Cannabidiolic Acid (CBDA)	0.0926	0.1389	ND	ND	
Cannabigerol (CBG)	0.0926	0.1389	ND	ND	
Cannabigerolic Acid (CBGA)	0.0926	0.1389	ND	ND	
Cannabinol (CBN)	0.0926	0.1389	ND	ND	
Cannabinolic Acid (CBNA)	0.0926	0.1389	0.198	1.981	
Cannabichromene (CBC)	0.0926	0.1389	ND	ND	
Cannabichromenic Acid (CBCA)	0.0926	0.1389	ND	ND	
Total			98.884	988.836	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%

Total CBD Measurement of Uncertainty: ± 2.000%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975

Natalie Siracusa
Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail, 105
Dallas, TX 75520
(844) 837-8223
TX DEA#: RN0594653

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Gobi Hemp - Certificate of Analysis



Manifest: 2211110006
Sample ID: 1A-GHEMP-2211110006-0002
Sample Name: THCP - 119
Sample Type: Concentrate

Test Performed: Potency
Report No: P-2211110006-V1
Receive Date: 2022-11-11
Test Date: 2022-11-15
Report Date: 2022-11-16
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	ND	ND
Total THC:CBD Ratio	NA	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	percent	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ^9 THCV	ND	ND
Δ^9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ^9 THC	ND	ND
Δ^8 THC	ND	ND
Δ^{10} -S THC	ND	ND
CBL	ND	ND
Δ^{10} -R THC	ND	ND
CBC	ND	ND
Δ^9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: Δ^9 -THCP = 98.14%

Jon Person Client Relations Manager

2022-11-16

Date



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 • 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303) 955-4934 •



Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2211110006
Sample Id: 1A-GHEMP-2211110006-0002
Sample Name: THCP - 119
Sample Type: Concentrate

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2211110006-V1
Receive Date: 2022-11-11
Test Date: 2022-11-15
Report Date: 2022-11-16
Sample Condition: Good
Method Reference: GH-OP-17

Scope

Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

Metals	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.010	ND
Lead	0.003	0.010	ND
Mercury	0.0009	0.003	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

Jon Person Client Relations Manager

2022-11-16

Date

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Gobi Hemp

Pesticide Residues Report - Certificate of Analysis



Manifest: 2211110006
Sample Id: 1A-GHEMP-2211110006-0002
Sample Name: THcP - 119
Sample Type: Concentrate

Test Performed: Hemp Lab
Report No: PE-2211110006-V1
Receive Date: 2022-11-11
Test Date: 2022-11-17
Report Date: 2022-11-18
Sample Condition: Good
Method Reference: GH-OP-11

Scope

The content of 60 pesticides were quantified using liquid chromatography coupled to multiple mass spectrometry (LC-MS2) equipped with electrospray ionization (ESI) in positive mode after sample extraction using methodology based on AOAC 2007 and EN 15662 standard procedures. Identification was based on the retention time of each compound and the product mass generated using single reaction monitoring (SRM), and quantitation was determined using external standard calibration.

Analyte	Reporting Level µg/g	µg/g
Avermectin B1a	0.1	ND
Acephate	0.1	ND
Acetamiprid	0.1	ND
Aldicarb	0.1	ND
Azoxystrobin	0.1	ND
Bifenazate	0.1	ND
Bifenthrin	0.1	ND
Boscalid	0.1	ND
Captan	0.1	ND
Carbaryl	0.1	ND
Carbofuran	0.1	ND
Chlorantraniliprole	0.1	ND
Chlordane	0.1	ND
Chlorpyrifos	0.1	ND
Clofentazine	0.1	ND
Coumaphos	0.1	ND
Baythroid (Cyfluthrin)*	0.1	NT
Cypermethrin*	0.1	NT
Dichlorvos	0.1	ND
Diazinon	0.1	ND
Dimethoate	0.1	ND
Dimethomorph*	0.1	ND
Prophos	0.1	ND
Etofenprox	0.1	ND
Etoxazole	0.1	ND
Fenhexamid	0.1	ND
Fenoxycarb	0.1	ND
Fenpyroximate	0.1	ND
Fipronil	0.1	ND
Flonicamid	0.1	ND
Fludioxonil	0.1	ND

Analyte	Reporting Level µg/g	µg/g
Hexythiazox	0.1	ND
Imazilil	0.1	ND
Imidacloprid	0.1	ND
Kresoxim Methyl	0.1	ND
Malathion	0.1	ND
Metalaxyl	0.1	ND
Methiocarb	0.1	ND
Methomyl	0.1	ND
Mevinphos*	0.1	ND
MGK-264	0.1	NT
Myclobutanil	0.1	ND
Oxamyl	0.1	ND
Paclobutrazol	0.1	ND
Pentachloronitrobenzene	0.1	ND
Permethrin*	0.1	ND
Imidan(Phosmet)	0.1	ND
Piperonyl Butoxide	0.1	ND
Propiconazole	0.1	ND
Propuxor	0.1	ND
Pyrethrin*	0.1	ND
Pyridaben	0.1	ND
Spinetoram	0.1	ND
Spinosad*	0.1	ND
Spiromefesin	0.1	ND
Spirotetramat	0.1	ND
Spiroxamine	0.1	ND
Tebuconazole	0.1	ND
Thiacloprid	0.1	ND
Thiamethoxam	0.1	ND
Trifloxystrobin	0.1	ND

NT - not tested; ND - not detected above Reporting Level; T - trace; * Total of Isomers

Lab Comments:

2022-11-18

Date

Tessa Johnson Laboratory Analyst

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Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2211110006
Sample Id: 1A-GHEMP-2211110006-0002
Sample Name: THCP - 119
Sample Type: Concentrate

Test Performed: Hemp Lab
Report No: R-2211110006-V1
Receive Date: 2022-11-11
Test Date: 2022-11-11
Report Date: 2022-11-16
Sample Condition: Good
Method Reference: GH-OP-08

Scope

The content of fifteen residual solvents was determined by an in-house developed method for Headspace-Gas Chromatography with Flame Ionization Detection.

Solvents	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Propane	135	372	ND
Iso-Butane	82	490	ND
N-Butane	107	490	ND
Methanol	38	120	ND
Pentane	73	100	ND
Ethanol	50	200	ND
Acetone	82	200	ND
IPA	40	200	ND
Hexane	25	50	ND
Ethyl Acetate	57	200	ND
Benzene	0.65	1	ND
Heptane	137	200	ND
Toluene	75	100	ND
Xylenes	112	200	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

2022-11-16

Jon Person Client Relations Manager

Date

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PINNACLE — ANALYTICS —

Potency Results

Sample Name: *Bubba*

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-48-C861

Date Sampled: 11/7/2022

Matrix: Flower

Date Reported: 11/14/2022

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

For R&D Purposes Only

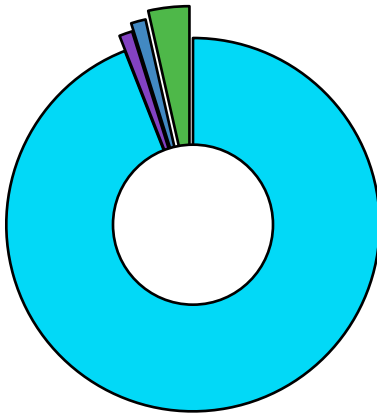
Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower

Total THC (THCA*0.877+d9-THC)	0.503%
Total CBD (CBDA*0.877+CBD)	13.6%
Moisture Content	19.3%

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	15.2	152.0
CBGA	0.184	1.84
CBG	<LOQ	<LOQ
CBD*	0.205	2.05
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	0.573	5.73
Total Cannabinoids	16.2	162.0

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBDA*
- THCA*
- CBGA
- CBD*



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Report generated by Routine_Potency_Rev10_7-17-2022

Kris Ford, PhD
Lab Director



PINNACLE

— ANALYTICS —

Quality Control Results

Analyst: Jeff A.

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504

Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C852-b	Limit	C-FL-111022	Limits	C-FB-111022	Limit
CBDA	1.05%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	2.53%	30%	107.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	<LOQ%	30%	97.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	108.0%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	101.0%	90-110%	<LOQ/2	LOQ/2

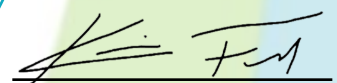
RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director