

## PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368Sample **1g D8 Cart - Tropicana Cookies**

Sample ID	SD220719-012 (49843)	Matrix	Concentrate (Inhalable Cannabis Good)
Tested for	Colorado Cures		
Sampled	-	Received	Jul 18, 2022
		Reported	Jul 19, 2022
Analyses executed	CAN20		

Laboratory note: The estimated concentration of the unknown peak in the sample is 10.7% | 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 (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC. (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total cannabinoids is estimated to be 90.2%.

## CAN20 - Cannabinoids Analysis

Analyzed Jul 19, 2022 | Instrument HLPC

Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiol 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	ND	ND
exo-THC (exo-THC)	0.016	0.8	ND	ND
Tetrahydrocannabinol ( $\Delta$ 9-THC)	0.003	0.16	UI	UI
$\Delta$ 8-tetrahydrocannabinol ( $\Delta$ 8-THC)	0.004	0.16	79.50	794.96
(6aR,9S)- $\Delta$ 10-Tetrahydrocannabinol ((6aR,9S)- $\Delta$ 10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)- $\Delta$ 10-Tetrahydrocannabinol ((6aR,9R)- $\Delta$ 10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
$\Delta$ 9-Tetrahydrocannabihexol ( $\Delta$ 9-THCH)			ND	ND
$\Delta$ 9-Tetrahydrocannabiphorol ( $\Delta$ 9-THCP)	0.017	0.16	ND	ND
$\Delta$ 8-Tetrahydrocannabiphorol ( $\Delta$ 8-THCP)	0.041	0.16	ND	ND
$\Delta$ 8-THC-O-acetate ( $\Delta$ 8-THC-O)	0.076	0.16	ND	ND
$\Delta$ 9-THC-O-acetate ( $\Delta$ 9-THC-O)	0.066	0.16	ND	ND
$\Delta$ 8-Tetrahydrocannabivarin ( $\Delta$ 8-THCV)			ND	ND
11-Hydroxy- $\Delta$ 9-tetrahydrocannabinol (11-OH- $\Delta$ 9-THC)			NT	NT
Total THC (THCa * 0.877 + THC)			ND	ND
Total CBD (CBDA * 0.877 + CBD)			ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
TOTAL CANNABINOIDS			79.50	795.00

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



RP0611043



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager  
Tue, 19 Jul 2022 13:22:15 -0700

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



## Delta 8 Vape Cartridge | Potency COA

---

The previous section of this Certificate of Analysis (COA) displays **potency test results** of the product, specifying the concentrations of the various cannabinoids present.

Knowing a product's potency before consuming it is important, of course, but it is also important to verify that your product is not adulterated with unwanted or dangerous ingredients. A simple potency test cannot determine whether adulterants are present in the product; however, a full panel test is much more thorough and tests the product for adulterants like heavy metals, pesticides, and residual solvents.

The following section displays **full panel test results** for the base distillate used in this product. The only ingredients in these cartridges are:

- 1.) Delta 8 distillate, and
- 2.) a proprietary blend of ISO-, GMP-, and FSSC-certified terpenes,

so you can feel safe knowing that this product complies with industry safety standards.

---

## Delta 8 Distillate | Full Panel COA





DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
2200 E 76TH AVE  
DENVER, CO 80229-6631

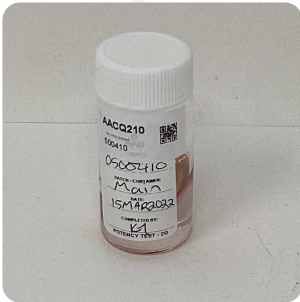
Batch # 0500410  
Batch Date: 2022-03-24  
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220324-08001  
Order Date: 2022-03-24  
Sample # AACQ210

Sampling Date: 2022-03-28  
Lab Batch Date: 2022-03-28  
Completion Date: 2022-03-31

Initial Gross Weight: 22.045 g



Product Image

Potency  
Tested

Moisture  
Tested

**Delta 8/Delta 10  
Potency 12**

**Tested**  
(LCUV)

Specimen Weight: 56.720 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	902.320	90.232
CBC	0.000018	0.001	<LOQ	<LOQ
CBD	0.000054	0.001	<LOQ	<LOQ
THCA-A	0.000032	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
CBN	0.000014	0.001	<LOQ	<LOQ
CBGA	0.00008	0.001	<LOQ	<LOQ
CBG	0.000248	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBDA	0.00001	0.001	<LOQ	<LOQ
THCV	0.000007	0.001	<LOQ	<LOQ

**Potency Summary**

<b>Total Delta 8</b> 90.232%	-	<b>Total Delta 10</b> None Detected
<b>Total THC</b> None Detected	-	<b>Total CBD</b> None Detected
<b>Total CBG</b> None Detected	-	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> None Detected	-	<b>Total Cannabinoids</b> 90.232%

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
2200 E 76TH AVE  
DENVER, CO 80229-6631

Batch # 0500410  
Batch Date: 2022-03-24  
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220324-080001  
Order Date: 2022-03-24  
Sample # AACQ210

Sampling Date: 2022-03-28  
Lab Batch Date: 2022-03-28  
Completion Date: 2022-03-31

Initial Gross Weight: 22.045 g



## Moisture

Specimen Weight: N/A Dilution Factor: 1.000

## Tested

(Moisture Meter)

Analyte	Action Limit (%)	Result (%)
Moisture	NA	1.300

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
 FL License # CMTL-0003  
 CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
 2200 E 76TH AVE  
 DENVER, CO 80229-6631

Batch # 0500410  
 Batch Date: 2022-04-01  
 Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220401-010001  
 Order Date: 2022-04-01  
 Sample # AACQ996

Sampling Date: 2022-04-05  
 Lab Batch Date: 2022-04-05  
 Completion Date: 2022-04-14

Initial Gross Weight: 73.681 g



Product Image

**H** Heavy Metals  
 Passed

**Pesticides**  
 Passed

**Residual Solvents**  
 Passed

## Potency Panel Not Included

### **H** Heavy Metals - CO

Specimen Weight: 248.510 mg

Dilution Factor: 201.199

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

Passed  
 (ICP-MS)



### Residual Solvents - CO

Specimen Weight: 10.200 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
Acetone	2.08	1000	<LOQ	Isopropyl alcohol	1.39	1000	<LOQ
Benzene	0.02	2	<LOQ	Methanol	0.69	600	<LOQ
Butanes	2.5	1000	<LOQ	Pentane	2.08	1000	<LOQ
Ethanol	2.78	1000	<LOQ	Propane	5.83	1000	<LOQ
Ethyl Acetate	1.11	1000	<LOQ	Toluene	2.92	180	<LOQ
Heptane	1.39	1000	<LOQ	Total Xylenes	2.92	430	<LOQ
Hexane	1.17	60	<LOQ				

Passed  
 (GCMS)

*Xueli Gao*  
 Xueli Gao Lab Toxicologist  
 Ph.D., DABT

*Aixia Sun*  
 Aixia Sun Lab Director/Principal Scientist  
 D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.





DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
2200 E 76TH AVE  
DENVER, CO 80229-6631

Batch # 0500410  
Batch Date: 2022-04-01  
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220401-010001  
Order Date: 2022-04-01  
Sample # AACQ996

Sampling Date: 2022-04-05  
Lab Batch Date: 2022-04-05  
Completion Date: 2022-04-14

Initial Gross Weight: 73.681 g



## Pesticides - CO

Specimen Weight: 270.500 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 5.545

Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin	250	250	<LOQ	Dodemorph	50	*	<LOQ	Naled	100	*	<LOQ
Acephate	50	50	<LOQ	Endosulfan sulfate	2500	2500	<LOQ	Novaluron	25	25	<LOQ
Acequinocyl	30	*	<LOQ	Endosulfan-alpha	2500	2500	<LOQ	Oxamyl	1500	1500	<LOQ
Acetamiprid	50	50	<LOQ	Endosulfan-beta	2500	2500	<LOQ	Paclobotrazol	10	10	<LOQ
Aldicarb	500	500	<LOQ	Ethoprophos	10	10	<LOQ	Pentachloronitrobenzen(Quintozene)	20	*	<LOQ
Allethrin	100	100	<LOQ	Etofenprox	50	*	<LOQ	Permethrin	500	*	<LOQ
Atrazine	25	*	<LOQ	Etoxazole	20	*	<LOQ	Phenothrin	50	*	<LOQ
Azadirachtin	500	500	<LOQ	Etridiazole	150	150	<LOQ	Phosmet	20	*	<LOQ
Azoxystrobin	10	10	<LOQ	Fenhexamid	125	*	<LOQ	Piperonylbutoxide	1250	1250	<LOQ
Benzovindiflupyr	10	10	<LOQ	Fenoxycarb	10	10	<LOQ	Pirimicarb	10	10	<LOQ
Bifenazate	10	10	<LOQ	Fenpyroximate	20	*	<LOQ	Prallethrin	50	*	<LOQ
Bifenthrin	1000	*	<LOQ	Fensulfothion	10	10	<LOQ	Propiconazole	10	*	<LOQ
Boscalid	10	10	<LOQ	Fenthion	10	10	<LOQ	Propoxur	10	10	<LOQ
Buprofezin	20	*	<LOQ	Fenvalerate	100	*	<LOQ	Pyraclostrobin	10	10	<LOQ
Carbaryl	25	25	<LOQ	Fipronil	10	10	<LOQ	Pyrethrins	50	*	<LOQ
Carbofuran	10	10	<LOQ	Flonicamid	25	25	<LOQ	Pyridaben	20	20	<LOQ
Chlorantraniliprole	20	*	<LOQ	Fludioxonil	10	10	<LOQ	Pyriproxyfen	10	*	<LOQ
Chlorfenapyr	1500	1500	<LOQ	Fluopyram	10	10	<LOQ	Resmethrin	50	50	<LOQ
Chlorpyrifos	500	500	<LOQ	Hexythiazox	10	*	<LOQ	Spinetoram	10	10	<LOQ
Clofentezine	10	10	<LOQ	Imazalil	10	10	<LOQ	Spinosad	10	10	<LOQ
Clothianidin	25	25	<LOQ	Imidacloprid	10	10	<LOQ	Spirodiclofen	250	*	<LOQ
Coumaphos	10	10	<LOQ	Iprodione	500	500	<LOQ	Spiromesifen	3000	*	<LOQ
Cyantraniliprole	10	10	<LOQ	Kinoprene	500	1250	<LOQ	Spirotetramat	10	10	<LOQ
Cyfluthrin	200	*	<LOQ	Kresoxim Methyl	150	150	<LOQ	Spiroxamine	100	*	<LOQ
Cypermethrin	300	*	<LOQ	Lambda Cyhalothrin	250	*	<LOQ	Tebuconazole	10	10	<LOQ
Cyprodinil	10	10	<LOQ	Malathion	10	10	<LOQ	Tebufenozide	10	10	<LOQ
Daminozide	100	*	<LOQ	Metalaxyl	10	10	<LOQ	Teflubenzuron	25	25	<LOQ
Deltamethrin	500	*	<LOQ	Methiocarb	10	10	<LOQ	Tetrachlorvinphos	10	10	<LOQ
Diazinon	20	*	<LOQ	Methomyl	25	25	<LOQ	Tetramethrin	100	*	<LOQ
Dichlorvos	50	50	<LOQ	Methoprene	2000	*	<LOQ	Thiabendazole	20	*	<LOQ
Dimethoate	10	10	<LOQ	methyl-Parathion	50	*	<LOQ	Thiacloprid	10	10	<LOQ
Dimethomorph	50	*	<LOQ	Mevinphos	25	25	<LOQ	Thiamethoxam	10	10	<LOQ
Dinotefuran	50	50	<LOQ	MGK-264	50	*	<LOQ	Thiophanate-methyl	50	*	<LOQ
Diuron	125	*	<LOQ	Myclobutanil	10	10	<LOQ	Trifloxystrobin	10	10	<LOQ

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
2200 E 76TH AVE  
DENVER, CO 80229-6631

Batch # 0500410  
Batch Date: 2022-04-01  
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220401-010001  
Order Date: 2022-04-01  
Sample # AACQ996

Sampling Date: 2022-04-05  
Lab Batch Date: 2022-04-05  
Completion Date: 2022-04-14

Initial Gross Weight: 73.681 g

*Xueli Gao*  
Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun  
Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

*This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.*



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**HAU PROCESSING**  
2200 E 76TH AVE  
DENVER, CO 80229-6631

Batch # 0500410  
Batch Date: 2022-04-01  
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU220401-010001  
Order Date: 2022-04-01  
Sample # AACQ996

Sampling Date: 2022-04-05  
Lab Batch Date: 2022-04-05  
Completion Date: 2022-04-14

Initial Gross Weight: 73.681 g

*Xueli Gao*  
Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun  
Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

*This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.*