ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

HHC - LIMELIGHT - SATIVA
Sample Matrix: CBD/HEMP Edibles (Ingestion)

Certificate of Analysis

Compliance Test

Client Information:
HR SUPPLIES LLC
6925 Lake Ellenor DR
SUITE 470
ORLANDO, FL 32809

Batch # 40035
Batch Date: 2024-10-30
Extracted From: Hemp

Test Reg State: Florida

Order # HRS241031-200002
Order Date: 2024-10-31
Sample # AAGC152

Sampling Date: 2024-11-05
Lab Batch Date: 2024-11-05
Completion Date: 2024-11-11

Initial Gross Weight: 160.000 g
Net Weight: 150.000 g

Number of Units: 1
Net Weight per Unit: 5000.000 mg

Product Image

Potency Tested
HHCP Tested

Potency 25 (LCUV)

Specimen Weight: 204.000 mg

Tested
SOP13.001 (LCUV)

Pieces For Panel: 30

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.0015	0.5400	0.0540
CBN	10.000	1.40E-5	0.0015	0.1600	0.0160
CBC	10.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBD	10.000	5.40E-5	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
CBT	10.000	2.00E-4	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta-8 THCV	10.000	4.00E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Delta8-THCP *	10.000	3.75E-4	0.0015	<LOQ	<LOQ
Delta9-THCP *	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCB *	10.000	1.80E-4	0.00195	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.00195	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ

Potency Summary

Total HHC 0.798% 39.880 mg	**Total Active THC** - None Detected
Total Active CBD - None Detected	**Total CBG** - None Detected
Total CBN 0.016% 0.800 mg	**Total Cannabinoids** 0.868% 43.400 mg

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

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed – Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed – Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling.

QA By: 1057 on 2024-11-11 11:30:22 V1

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Initial Gross Weight: 160.000 g
Net Weight: 150.000 g

Number of Units: 1
Net Weight per Unit: 5000.000 mg

HHCP HHCP

Tested

Specimen Weight: 204.000 mg

SOP13.050 (LCMS)

Dilution Factor: 1000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	5.6800	0.568	CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	2.2400	0.224	Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9ß-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ	Delta-9 THC	2.8000E-4	0.075	<LOQ	<LOQ
1(R)-H4-CBD	7.330000E-7	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	1.600000E-4	0.075	<LOQ	<LOQ
1(S)-H4-CBD	6.630000E-7	0.15	<LOQ	<LOQ	H2-CBD	1.440000E-7	0.075	<LOQ	<LOQ
9(R)-HHCP	3.0900E-5	0.075	<LOQ	<LOQ	Total HHC		0.075	7.9759	0.79759
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ					

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

Definitions are found on page 1

QA By: 1057 on 2024-11-11 11:30:22 V1

Labstat
A Certified Group Company
10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RC0639128

Labstat
LIMELIGHT
N/A
Matrix: Infused Product

Certificate of Analysis

Sample:KN31116003-047
Harvest/Lot ID: HHC
Batch#: 40023
Batch Date: 11/10/23
Sample Size Received: 3 units
Retail Product Size: 5.5 gram
Ordered : 11/10/23
Sampled : 11/10/23
Completed: 11/21/23

Nov 21, 2023 | A Gift From Nature

6925 Lake Ellenor Dr
Orlando, FL, 32809, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

Potency

PASSED

Total THC
ND

Total HHC
1.0726%

Total Cannabinoids
1.1239%

	CBDVA	CBDV	CBDA	CBGA	CBG	CBD	D9-THCV	D8-THCV	CBN	D9-THC	D8-THC	D10-THC	CBC	THCA
%	ND	ND	ND	ND	<0.01	<0.01	ND	ND	0.0204	ND	0.0309	ND	ND	ND
mg/unit	ND	ND	ND	ND	<0.55	<0.55	ND	ND	1.122	ND	1.6995	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Analyzed by: 2837, 2657
Weight: 0.2017g
Extraction date: 11/16/23 14:24:00
Extracted by: 2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCa: ± 0.124, TOTAL THC ± 0.112. 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 : KN004305POT
Instrument Used : E-SHI-008
Running on : N/A
Reviewed On : 11/21/23 10:08:48
Batch Date : 11/16/23 08:28:31

Dilution : N/A
Reagent : 083023.01; 100422.02; 090723.01; 110723.R04; 111023.R03; 110323.01
Consumables : 302110210; 220501; B9291.100; 230415059D; 1008702218; 947.100; GD220003; 1350331; 6121219; 600185
Pipette : E-VWR-120

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

	D9-THCVA	D8-THCVA	TOTAL THC VA	9S-HHC	9R-HHC	TOTAL HHC	D9-THCP	D8-THCP	TOTAL THC P	D9-THC-O	D8-THC-O	TOTAL THC O
%	ND	ND	ND	0.3062	0.7664	1.0726	ND	ND	ND	ND	ND	ND
mg/unit	ND	ND	ND	16.841	42.152	58.993	ND	ND	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.0001 %	0.0001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Analyzed by: 2657
Weight: 0.2017g
Extraction date: 11/17/23 16:45:59
Extracted by: 2657

Analysis Method : SOP.T.30.031.TN, SOP.T.40.032.TN,SOP.T.40.151.TN
Analytical Batch : KN004307CAN
Instrument Used : E-SHI-008
Running on : N/A
Reviewed On : 11/21/23 09:47:10
Batch Date : 11/16/23 11:13:56

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

Analysis is performed using High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA) and/or GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer). LOQ of 0.01% for THCVA & HHC, 0.0012% for THCP and 0.05% for THCO.*ISO Pending

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

11/21/23
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
LIMELIGHT
N/A
Matrix: Edible

Certificate of Analysis

Sample:KN21118007-018
Harvest/Lot ID: 022344
Batch#: 022344
Seed to Sale# N/A
Batch Date: 11/10/22
Sample Size Received: 5 units
Total Batch Size: N/A
Retail Product Size: 15 units
Ordered : 11/10/22
Sampled : 11/10/22
Completed: 11/22/22
Sampling Method: N/A

Nov 22, 2022 | A Gift From Nature

6925 Lake Ellenor Dr
Orlando, FL, 32809, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

Cannabinoid

PASSED

Total CBD
0.058%

Total HHC
0.475%

Total Cannabinoids
0.5402%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O	9S-HHC	9R-HHC	TOTAL HHC
%	ND	0.0657	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028	0.4465	0.4745
mg/unit	ND	9.855	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	66.975	71.175
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 %	0.01 %	0.01 %	0.01 %

Analyzed by: 2368, 2837, 12
Weight: 0.2192g
Extraction date: 11/18/22 16:58:37
Extracted by: 2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN 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 : KN003152POT
Instrument Used : HPLC E-SHI-008
Running on : N/A
Reviewed On : 11/22/22 17:30:28
Batch Date : 11/18/22 14:02:34

Dilution : N/A
Reagent : 062422.01; 100422.02; 110322.R02; 111622.R03; 102422.06; 100522.02
Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.100; 220325059-D; IP250.100
Pipette : E-GIL-010; E-EPP-081

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

Analyzed by: 12
Weight: 20g
Extraction date: N/A
Extracted by: N/A

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN003154HHC
Instrument Used : HPLC E-SHI-153
Running on : N/A
Reviewed On : 11/22/22 07:04:30
Batch Date : 11/18/22 17:28:03

Dilution : N/A
Reagent : N/A
Consumables : 301011028; n/a; 220325059-D
Pipette : E-EPP-082

Total Hexahydrocannabinol (9S & 9R-HHC) analysis is performed using High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA) and/or GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) Analytes. * ISO Pending

Sue Ferguson
Lab Director

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

Signature

11/22/22
Signed On