

AAA



FOOD &
ENVIRONMENT
SAFETY
ANALYTICAL LAB

Sample ID: 47441008-8

Date Issued: 10/11/24

Batch Result: Pass

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate

Acapulco Gold

Client: Pure Leaf Distribution

Sample Name: Acapulco Gold

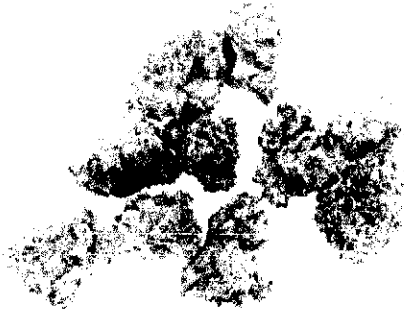
Batch Number: PLD10824AG

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441008-8

Date Received: 10/8/2024



Total CBD

ND

Delta 9-THC

0.20 %

THCA

28.58 %

Total Cannabinoids

28.78 %

Analysis Summary

Residual Pesticides

Pass

Mycotoxins

Pass

Heavy Metals

Pass

Microbial Impurities

Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0031	0.011	ND	ND
CBD	0.0031	0.0090	ND	ND
CBG	0.0031	0.011	ND	ND
CBDa	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.204	2.04
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.0001	0.0021	ND	ND
THCA	0.0024	0.0073	28.580	285.80
Total CBD			ND	ND
Total THC			25.27	252.69
Total Cannabinoids			28.78	287.84

Date Tested: 10/8/2024

Total THC = THCA * 0.877 + Delta 9-THC + Delta 8-THC; Total CBD = CBDa * 0.877 + CBD

Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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10/11/2024 19:33:04

Certificate of Analysis

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Cadillac Rainbow

Client: Pure Leaf Distribution

Sample Name: Cadillac Rainbow

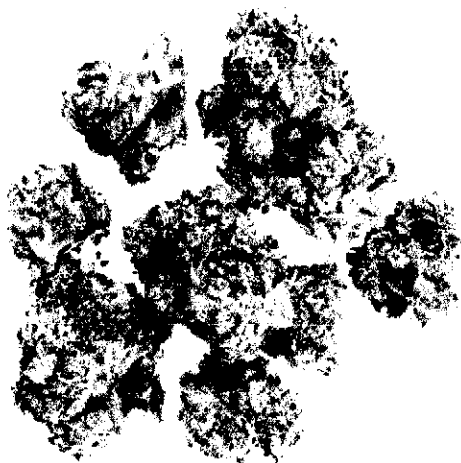
Batch Number: PLD101824CR

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441018-2

Date Received: 10/18/2024



Total CBD ND

Delta 9-THC 0.28 %

THCA 31.97 %

Total Cannabinoids 32.24 %

Analysis Summary

Residual Pesticides	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0036	0.010	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0020	0.0067	0.279	2.79
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	31.966	319.66
Total CBD			ND	ND
Total THC			28.31	283.13
Total Cannabinoids			32.24	322.44

Date Tested: 10/18/24

Total THC = THCA * 0.877 + Delta 9-THC + Delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Marie True
Approved By:
Marie True, M.S.
Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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SDPharmLabs

Delta9 THC 0.22%	THCa 20.97%	Total THC (THCa * 0.877) + THC 18.61%	Delta8 THC ND
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Matrix Flow:

Received Feb 14, 2025

Received Feb 25 2025

Address: 68000000 CAN+ MING HTO 255 1111 110 1111

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately $\pm 7.8\%$ at the 95% Confidence Level.

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabivarin (CBV)	0.039	0.16	ND	ND
Cannabidibutyl (CBDbs)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.16	0.45
Cannabigerol Acid (CBGA)	0.033	0.16	0.54	5.63
Cannabigerol (CBG)	0.048	0.16	0.81	0.81
Cannabakul (CBK)	0.069	0.29	ND	ND
Tetrahydrocannabinols (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ ⁹ -THC)	0.093	0.36	0.22	2.23
Δ ⁸ -tetrahydrocannabinol (Δ ⁸ -THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.04	0.95
Cannabichromene (CBC)	0.01	0.16	0.06	0.55
Tetrahydrocannabinolic Acid (THCA)	0.17	0.589	20.97	209.69
Total THC (THC + Δ ⁸ THC + Δ ⁹ THC)			18.61	186.13
Total THC + Δ ⁸ THC (THC + Δ ⁸ THC + Δ ⁹ THC)			18.61	186.13
Total CBD (CBDa + CBD + CBDs)			0.94	0.58
Total CBG (CBGa + CBG + CBG)			0.58	5.77
Total Cannabinoids Analyzed			19.32	193.37

Analyzed Feb 19, 2025 | Instrument ICP-MS/MS | Method SOP-005

Analysis	LOD µg/g	Result µg/g	Limit µg/g
Arsenic (As)	0.0009	0.002	15
Cadmium (Cd)	0.0005	0.005	0.5
Mercury (Hg)	0.0058	0.174	3
Lead (Pb)	0.0006	0.018	0.5

Analyzed Feb 19, 2023 | Instrument: qPCR and/or Plating | Method: SOP-007

Analyst	LOO CFU/g	LOO CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing <i>Escherichia coli</i>	1.0	1.0	ND	1
<i>Salmonella</i> spp.	1.0	1.0	ND	1
<i>Aspergillus fumigatus</i>	1.0	1.0	ND	1
<i>Aspergillus flavus</i>	1.0	1.0	ND	1
<i>Aspergillus niger</i>	1.0	1.0	ND	1
<i>Aspergillus terreus</i>	1.0	1.0	ND	1

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Cenfoxone A	5.0	10.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	25

UNIDENTIFIED
N/A Not Applicable
NT NOT RECORDED
LOQ Limit of Quantitation
LOQ Limit of Quantification
CLC Chemical
AUGL Above Ground Level
EQU Equivalency
TUE Two



ISO/IEC 17025:2017 Acc. #5346

Authorised Signatory

Branden Stahl

London Staff, Quality Assurance Manager
Fri, 27 Feb 2020 17:57:54 -0800

PharmWare
LABORATORY LINES & FILM

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[illegible]

PharmLabs San Diego Certificate of Analysis

Sample: Green Crack



Delta9 THC: 0.28%	THCa: 26.08%	Total THC (THCa + Delta9 THC): 25.16%	Delta8 THC: ND
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Sample ID: SD250215-046 (007422)

Matrix: Flower

Tested for: Pure Leaf Distribution

Received: Feb 14, 2025

Analyzed for: CAN+, MIBIG, MTO, PES, HME, FVI, MWA

Reported: Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument: HPLC VWD | Method: SOP-001

The expanded uncertainty of the Cannabinoids analysis is approximately $\pm 2.81\%$ of the 95% Confidence Level.

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.031	0.05	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.03	0.33
Cannabigerolol (CBG)	0.033	0.16	ND	7.15
Cannabinol (CBN)	0.040	0.16	ND	1.05
Tetrahydrocannabinol (THC)	0.049	0.21	ND	ND
Tetrahydrocannabinolol (THC)	0.047	0.62	ND	ND
Tetrahydrocannabinololol (THC)	0.052	0.50	0.23	2.83
Delta-tetrahydrocannabinol (Delta-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.04	0.45
Cannabichromene (CBC)	0.001	0.16	0.07	0.68
Tetrahydrocannabinolic Acid (THCA)	0.001	0.389	26.08	260.83
Total THC (THCa + Delta9 THC + Delta8 THC)			25.16	251.58
Total CBD (CBDA + Delta9 CBD + Delta8 CBD)			25.16	251.58
Total CBG (CBGa + Delta9 CBG + Delta8 CBG)			0.05	0.46
Total Cannabinoids Analyzed			24.05	240.49

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument: ICP/MS/MS | Method: SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	15
Cadmium (Cd)	0.0005	0.0015	0.00	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument: qPCR and/or Plating | Method: SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument: LC/MS/MS | Method: SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	5.0	ND	20
Aflatoxin B1	2.5	5.0	ND	5.0
Aflatoxin G1	2.5	5.0	ND	5.0
Total Aflatoxins	10.0	20.0	ND	20

ND: Not Detected
 N/A: Not Applicable
 NT: Not Reported
 LOD: Limit of Detection
 LOQ: Limit of Quantitation
 ELQ: Detectable
 SLOD: Above Limit of Detection
 CFU/g: Colony Forming Units per Gram
 THCa: Total THC



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 ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Feb. 21 Feb 2025 17:38:04 -0800

PharmLabs
 LABORATORY LIMS & ELM

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SDPharmLabs

Delta9 THC 0.20%	THCa 18.40%	Total THC (THCa * 0.877 + THC) 16.53%	Delta8 THC ND
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Matriz Flores

Received Jan 17, 2025

Sampled -

Reported Jan 27, 2025

ANDRUSKY EXCLUDED CANT. NWA

Analyzed Jan 27, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately 7.8% at the 95% Confidence Level

Analyte	100 mg/g	100 mg/g	Result %	Result mg/g
Cannabidiol in (CBDV)	0.039	0.16	ND	ND
Cannabidiol (CBD)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.42
Cannabigerol Acid (CBGA)	0.033	0.16	0.48	4.76
Cannabigerol (CBG)	0.048	0.16	0.80	7.84
Cannabidiol (CBD)	0.069	2.29	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
11-tetrahydrocannabinol (Δ^9 -THC)	0.092	0.31	0.20	1.97
Δ^8 -tetrahydrocannabinol (Δ^8 -THC)	0.044	0.16	ND	ND
Cannabicyclo (CBL)	0.0012	0.16	0.04	0.42
Cannabichromene (CBC)	0.0	0.16	0.02	0.22
Tetrahydrocannabinolic Acid (THCA)	0.17	0.389	18.40	183.99
Total THC (THCA + Δ^9 THC + Δ^8 THC)			16.33	163.33
Total THC + Δ^8 THC (THCA + Δ^9 THC + Δ^8 THC)			16.33	163.33
Total CBD (CBDA + Δ^9 THC + CBD)			0.04	0.37
Total CBG (CBGA + Δ^9 THC + CBG)			0.50	4.97
Total Cannabinoids Analyzed			16.93	169.31

Analyzed Jan 27, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Mos (ure-Mos)	0.0	0.0	6.5 % Mw	13 % Mw	Water Absorb	0.05	0.03	0.47 %	0.85 %

U: Unidentified
 ND: Not Detected
 NA: Not Applicable
 NT: Not Reported
 LOD: Limit of Detection
 LOQ: Limit of Quantification
 CLOQ: Detection
 HULOC: Above the Limit of Locality
 CFU/g: Colony Forming Units per 1 gram
 TWC: Total Water Content



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ISO/IEC 17025:2017 Acc. 05368

AVERAGE SIGNATURE

Branden Stahr

Brandon Stett, Quality Assurance Manager
Mon, 27 Jan 2025 16:18:54 -0800

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Delta9 THC 0.22%	THCa 21.84%	Total THC (THCa - 0.877 + THC) 19.38%	Delta8 THC ND
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Revised: Jan 29, 2025

Heart to Flowers

Page 1 of 4 Feb 03, 2025

Analyzed Jan 27, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 0.7\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result mg	Result %
Cannabidiol (CBDV)	0.039	0.16	ND	ND
Cannabidiol (CBD)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.035	0.16	0.04	0.43
Cannabigerol Acid (CBGA)	0.033	0.16	0.53	5.7
Cannabigerol (CBG)	0.048	0.16	0	0
Cannabinol (CBN)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ^9 -THC)	0.092	0.307	19.36	2.29
Δ^8 -Tetrahydrocannabinol (Δ^8 -THC)	0.044	0.16	ND	ND
Cannabinol (CBL)	0.0012	0.16	0.04	0.44
Cannabinol (CBG)	0.002	0.16	0.03	0.31
Tetrahydrocannabinolic Acid (THCA)	0.117	0.39	23.84	276.43
Total THC = THCA * 0.877 + Δ^9 THC			19.36	193.79
Total THC + Δ^8 THC = THCA * 0.877 + Δ^8 THC + Δ^9 THC			19.36	193.79
Total CBD = CBDA * 0.877 + CBD			0.04	0.38
Total CBG = CBGA * 0.877 + CBG			0.59	5.91
Total Cannabinoids Analyzed			20.08	200.83

Analyzed Jan 30, 2025 | Instrument KP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOD ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0007	0.001	0.01	15
Cadmium (Cd)	0.0005	0.0005	0.00	0.5
Mercury (Hg)	0.0056	0.001	ND	5
Lead (Pb)	0.0008	0.0008	ND	0.5

Analyzed Jan 31, 2025 | Instrument qPCR and/or Plating | Method SDF-007

Analyte	LOD	LOQ	Result	CFU/g	Limit	LOD	LOQ	Result	CFU/g	Limit
Shiga toxin-producing <i>Escherichia coli</i>			ND		ND per 1 gram			ND		ND per 1 gram
<i>Aspergillus fumigatus</i>			Negative		ND per 1 gram			Negative		ND per 1 gram
<i>Aspergillus niger</i>			Negative		ND per 1 gram			Negative		ND per 1 gram

Analyzed JGA 31, 2025 | Instrument LC/MSMS | Method SOP-054

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	5.0	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

Not Underlined
 Not First Lettered
 Not First Applicable
 Not Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 LOD Detected
 MLOL Above upper limit of linearity
 CFUG Colony forming units per 1 gram
 TNC Total Nucleic Acid in Culture



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DEA license: 1-800-298-0105
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Stahl

Brandon Starr, Quality Assurance Manager
Mon, 03 Feb 2025 12:41:02 -0800

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Certificate of Analysis

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LCG

Client: Pure Leaf Distribution

Sample Name: LCG

Batch Number: PLD101824LCG

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441018-4

Date Received: 10/18/2024



Total CBD

ND

Delta 9-THC

0.28 %

THCA

30.65 %

Total Cannabinoids

30.93 %

Analysis Summary

Residual Pesticides

Pass

Mycotoxins

Pass

Heavy Metals

Pass

Microbial Impurities

Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0036	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDa	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.281	2.81
Delta 8-THC	0.0026	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	30.650	306.50
Total CBD			ND	ND
Total THC			27.16	271.61
Total Cannabinoids			30.93	309.31

Date Tested: 10/18/2024

Total THC = THCa * 0.877 + d8-THC + d9-THC, Total CBD = CBDa * 0.877 + CBD

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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PharmLabs San Diego Certificate of Analysis

Sample Jokers Candy



Delta9 THC 0.27% THCa 22.57% Total THC (THCa * 0.877 + THC) 20.07% Delta8 THC ND

Sample ID: SD250215-043 (107419)

Tested for: Pure Leaf Distribution

Sampled:

Received: Feb 14, 2025

Analyses executed: CAN+, MIBIG, MTO, PES, HME, TVI, MWA

Matrix: Flower

Reported: Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded uncertainty of the Cannabinoids analysis is approximately ±7.8% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.031	0.05	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.44
Cannabigerolol (CBGa)	0.033	0.16	0.01	0.07
Cannabigerol (CBG)	0.048	0.16	0.09	0.87
Cannabidiol (CBD)	0.069	0.29	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.27	2.72
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.05	0.29
Cannabichromene (CBC)	0.002	0.16	0.05	0.51
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	22.57	225.73
Total THC (THCa * 0.877 + Δ9THC)			20.07	200.69
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			20.07	200.69
Total CBD (CBDA * 0.877 + CBD)			0.04	0.39
Total CBG (CBGa * 0.877 + CBG)			0.02	0.19
Total Cannabinoids Analyzed			20.81	208.06

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	ND	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	<LOQ	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	-	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

U: Undetected
ND: Not Detected
N/A: Not Applicable
NT: Not Reported
LOD: Limit of Detection
LOQ: Limit of Quantification
vLOQ: Determined
HPLC: Above Limit of Linearity
CFU/g: Colony Forming Units per 1 gram
TNTC: Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 21 Feb 2025 17:37:50 -0800

PharmWare
LABORATORY LIMS & ELN

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Certificate of Analysis

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GG4

Client: Pure Leaf Distribution

Sample Name: GG4

Batch Number: PLD10824GG4

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441008-15

Date Received: 10/8/2024



Total CBD	ND
Delta 9-THC	0.23 %
THCA	28.90 %
Total Cannabinoids	29.14 %

Analysis Summary

Residual Pesticides	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0035	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.233	2.33
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	28.903	289.03
Total CBD			ND	ND
Total THC			25.58	255.81
Total Cannabinoids			29.14	291.36

Date Tested: 10/8/2024

Total THC = THCA * 0.877 + Delta 8-THC + Delta 9-THC; Total CBD = CBDA * 0.877 + CBD

Marie
Approved By:
Marie True, M.S.
Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

FESA Labs

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PharmLabs San Diego Certificate of Analysis

Sample **Wonderbread**Delta9 THC **0.26%** THCa **21.11%** Total THC (THCa * 0.877 + THC) **18.77%** Delta8 THC **ND**

Sample ID: SD250130-028 (06/130)

Tested for: Pure Leaf Distribution

Sampled: -

Analyses executed: PP-IF

Received: Jan 29, 2025

Matrix: Flower

Reported: Feb 03, 2025

*** CAN+ - Cannabinoids Analysis**

Analyzed Jan 27, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately 7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiol Acid (CBDA)	0.011	0.03	ND	ND
Cannabidiol Acid (CBDA)	0.033	0.16	0.05	0.51
Cannabigerol (CBG)	0.033	0.16	0.05	0.51
Cannabidiol (CBD)	0.048	0.16	0.05	0.51
Tetrahydrocannabinol (THCV)	0.069	0.229	ND	ND
Cannabinol (CBN)	0.049	0.162	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.047	0.16	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC)	0.092	0.307	0.05	2.57
Cannabicyclol (CBL)	0.044	0.16	ND	ND
Cannabichromene (CBC)	0.0012	0.16	0.07	0.73
Tetrahydrocannabinolic Acid (THCA)	0.002	0.16	0.04	0.38
Total THC (THCa * 0.877 + Δ9THC)	0.117	0.389	18.77	187.71
Total THCa (THCa * 0.877 + Δ9THC + Δ8THC)			18.77	187.71
Total CBD (CBDA * 0.877 + CBD)			0.04	0.45
Total CBG (CBGA * 0.877 + CBG)			0.55	5.46
Total Cannabinoids Analyzed			19.47	194.73

*Dry Weight %

HME - Heavy Metals Analysis

Analyzed Jan 30, 2025 | Instrument ICP-MS/MS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.003	0.00	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial Analysis

Analyzed Jan 31, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD	LOQ	Result CFU/g	Limit	Analyte	LOD	LOQ	Result CFU/g	Limit
Shiga toxin-producing Escherichia coli			ND	ND per 1 gram	Salmonella spp.			ND	ND per 1 gram
Aspergillus fumigatus			Negative	ND per 1 gram	Aspergillus flavus			Negative	ND per 1 gram
Aspergillus niger			Negative	ND per 1 gram	Aspergillus terreus			Negative	ND per 1 gram

MTO - Mycotoxin Analysis

Analyzed Jan 31, 2025 | Instrument LC/MS/MS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Undetected
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
eLOQ Detected
MLOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
THC Total Cannabinoids to Count



DCC license: CS-0000098-LIC
DEA license: RPO61045
ISO/IEC 17025:2017 Acc: 85368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Mon, 03 Feb 2025 12:46:52 -0800

PharmLabs
CANNABIS LABORATORY LIMS & ELN

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Sample Bubble Bath

Delta9 THC	0.30%	THCa	24.26%	Total THC (THCa * 0.877 + THC)	21.58%	Delta8 THC	ND
------------	-------	------	--------	--------------------------------	--------	------------	----

Sample ID: S0250215-040 (107424)

Tested for Pure Leaf Distribution

Sampled -

Received Feb 14, 2025

Analyses executed CAN4, MIBIG, MTO, PES, HME, FV1, MWA

Matrix Flower

Reported Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately $\pm 7.81\%$ at the 95% Confidence Level.

Analyte	LOQ mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBDV)	0.059	0.16	ND	ND
Cannabidiol (CBD)	0.011	0.05	ND	ND
Cannabidiolic Acid (CBDA)	0.035	0.16	0.05	0.52
Cannabigerol Acid (CBGA)	0.038	0.16	0.67	5.66
Cannabigerol (CBG)	0.048	0.16	0.10	0.95
Cannabiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ^9 -THC)	0.092	0.307	0.50	3.01
Δ^8 -tetrahydrocannabinol (Δ^8 -THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.05	0.46
Cannabiflavanone (CBF)	0.002	0.16	0.04	0.39
Tetrahydrocannabinolic Acid (THCA)	0.017	0.399	24.26	242.62
Total THC (THCA + Δ^9 THC + Δ^8 THC)			21.58	215.79
Total CBD (CBDA + 0.877 + CBD)			21.58	215.79
Total CBG (CBGA + 0.877 + CBG)			0.05	0.46
Total Cannabinoids Analyzed			0.68	6.79
			22.39	225.90

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD µg/g	LOQ µg/g	Result µg/g	Limit µg/g
Arsenic (As)	0.0009	0.0027	0.00	15
Cadmium (Cd)	0.0005	0.0015	<LOQ	0.5
Mercury (Hg)	0.0058	0.0174	ND	5
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing <i>Escherichia</i> Coli	1.0	1.0	ND	1
<i>Salmonella</i> spp.	1.0	1.0	ND	1
<i>Aspergillus fumigatus</i>	1.0	1.0	ND	1
<i>Aspergillus flavus</i>	1.0	1.0	ND	1
<i>Aspergillus niger</i>	1.0	1.0	ND	1
<i>Aspergillus terreus</i>	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

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



DCC license: C8-0000098-LIC
DEA license: RP061043
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature _____

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 23 Feb 2024 17:38:14 -0600

PharmWare
LABORATORY LIMS & ETL

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Sample Key Lime Jack

Delta9 THC 0.19% THCa 18.77% Total THC (THCa * 0.877 + THC) 16.66% Delta8 THC ND

Sample ID SD250215-042 (07418)
Tested for Pure Leaf Distribution
Sampled -
Analyses executed CAN+, MIBIG, MTO, PES, HME, FVI, MWA

Matrix: Flower

Reported Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded uncertainty of the Cannabinoids analysis is approximately ±7.8% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.011	0.03	ND	ND
Cannabidiolol Acid (CBDolA)	0.033	0.16	0.04	0.36
Cannabigerol Acid (CBGA)	0.033	0.16	0.49	4.91
Cannabigerol (CBG)	0.048	0.16	0.07	0.70
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THC)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.19	1.94
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.05	0.52
Cannabichromene (CBC)	0.002	0.16	0.05	0.49
Tetrahydrocannabinolol Acid (THCA)	0.112	0.369	18.77	187.75
Total THC (THCa * 0.877 + Δ9THC)			16.66	166.58
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			16.66	166.58
Total CBD (CBDol + CBD)			0.03	0.32
Total CBG (CBGA + CBG)			0.50	5.01
Total Cannabinoids Analyzed			17.27	172.71

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	<LOQ	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
HULOL Above Upper Limit of Linearity
CFU/g Colony Forming Units per 1 gram
NT/TC Test Number(s) per Test



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DEA license: RP0470-43
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Stahl

Brandon Stahl, Quality Assurance Manager
Feb 21 Feb 2025 17:37:21 -0800



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Certificate of Analysis

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Durban Poison

Client: Pure Leaf Distribution

Sample Name: Durban Poison

Batch Number: PLD10824DP

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441008-1

Date Received: 10/8/2024



Total CBD ND

Delta 9-THC 0.12 %

THCA 28.91 %

Total Cannabinoids 29.03 %

Analysis Summary

Residual Pesticides Pass
Mycotoxins Pass
Heavy Metals Pass
Microbial Impurities Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0032	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.118	1.18
Delta 8-THC	0.0026	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	28.909	289.09
Total CBD			ND	ND
Total THC			25.47	254.71
Total Cannabinoids			29.03	290.27

Date Tested: 10/8/2024

Total THC = THCa * 0.877 + Delta 9-THC + Delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Marie True
Approved By:
Marie True, M.S.
Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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thisthatCBD
14205 N Mopac Expy #535
Austin, TX 78728
info@thisthatcbd.com

Sample: 01-15-2025-5429

Collection Date: 01/15/2025

Sampling Procedure: Client Sampled

Sample Arrival Date: 01/15/2025

Report Date: 01/28/2025

Item Name: White Widow
Type: Bud/Flower
Metric Package Label: NA



Moisture Content
6.37%

Water Activity
0.4598 aw

Cannabinoid Potency
TESTED



23.976 %
Total THC

0.057 %
Total CBD

Cannabinoids

(Testing Method: HPLC- DAD, TM-PT-07)

Date Tested: 01/18/2025

Complete

Analyte	Result	Result
	%	mg/g
Cannabidiolic Acid (CBDA)	0.065	0.654
Cannabidiol (CBD)	ND	ND
Δ-9 THC (Δ9-THC)	0.189	1.893
Tetrahydrocannabinolic Acid (THCA)	27.123	271.225
Total	27.377	273.773

Total THC = THCA * 0.877 + Δ9-THC;

Total CBD = CBDA * 0.877 + CBD;

ND = Not Detected

T = Trace amounts, below limit of quantitation (LOQ)

All values reported on a dry-weight basis.

Amendments

Version 1.0: 2025-01-28; Version Reason: Rename

TEST CERTIFICATION

The undersigned below attests that:

1. The above results were obtained after testing the submitted sample in accordance with the policies and procedures implemented at Cannabis Chem Lab for the purposes of producing a Certificate of Analysis;
2. Results are reported in isolation without regard to measurement uncertainty;
3. Sample information that is stated on this Certificate of Analysis is based on information as provided by the customer and transcribed by Cannabis Chem Lab as accurately as able;
4. This certificate of analysis represents a true and complete copy of the official test results. Copies, reproductions, or alterations of this Certificate of Analysis without written permission from Cannabis Chem Lab are prohibited;
5. The test results represent the test sample as received by the laboratory and in no way are meant to represent subsequent or similar product, harvest, or production batches; and
6. The Certificate of Analysis is a report of the results of a requested battery of tests which results and report of were executed and/or reviewed by the undersigned who has the authority of Cannabis Chem Lab;

thisthatCBD

14205 N Mopac Expy #535

Austin, TX 78728

info@thisthatcbd.com

(503) 919-6918

Sample: 01-14-2025-59134W8195

Sample Received: 01/14/2025;

Report Created: 01/15/2025; Expires: 01/14/2026

White Widow

Plant cured



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 01/14/2025

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	1079.253	1.079	
α-Humulene	0.750	3.000	7728.534	7.729	
α-Pinene	0.750	3.000	1474.612	1.475	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	43.176	0.043	
β-Caryophyllene	0.750	3.000	18684.024	18.684	
β-Myrcene	0.750	3.000	945.245	0.945	
Borneol	0.750	3.000	130.228	0.130	
Camphene	0.750	3.000	240.879	0.241	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	2143.876	2.144	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	195.537	0.196	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	7145.798	7.146	
Linalool	0.750	3.000	1727.597	1.728	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	4708.802	4.709	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	108.423	0.108	
Total			46355.985	46.356	4.636 %

Primary Aromas

Cinnamon



Hops



Lime



Earthy



Wood



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.

Certificate of Analysis

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Northern Lights

Client: Pure Leaf Distribution

Sample Name: Northern Lights

Batch Number: PLD10324NL

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441003-19

Date Received: 10/3/2024



Total CBD

ND

Delta 9-THC

0.24 %

THCA

29.14 %

Total Cannabinoids

29.38 %

Analysis Summary

Residual Pesticides

Pass

Mycotoxins

Pass

Heavy Metals

Pass

Microbial Impurities

Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0035	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDa	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.242	2.42
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	29.136	291.36
Total CBD			ND	ND
Total THC			25.79	257.94
Total Cannabinoids			29.38	293.78

Date Tested: 10/4/2024

Total THC = THCa * 0.877 + Delta 9-THC + Delta 8-THC; Total CBD = CBDa * 0.877 + CBD

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Sample Carbon Fiber

Delta9 THC 0.23% THCa 17.74% Total THC (THCa * 0.877 + THC) 15.79% Delta8 THC ND

Sample ID SD250215-049 (07425)
Tested for Pure Leaf Distribution
Sampled - Received Feb 14, 2025
Analytes executed CAN+, MIBIG, MTO, PES, HME, FVI, MWA

Matrix: Flower

Reported Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.059	0.16	ND	ND
Cannabidiol (CBD)	0.011	0.03	ND	ND
Cannabidiol Acid (CBDA)	0.033	0.16	0.04	0.38
Cannabigerol Acid (CBGA)	0.033	0.16	0.45	4.54
Cannabigerol (CBG)	0.048	0.16	0.07	0.69
Cannabidiol (CBD)	0.069	0.220	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.25	2.27
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyanol (CBL)	0.0032	0.16	0.04	0.35
Cannabichromene (CBC)	0.002	0.16	0.06	0.60
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	17.74	177.41
Total THC (THCa * 0.877 + Δ9THC)			15.79	157.86
Total CBD (CBDA * 0.877 + CBD)			0.05	0.33
Total CBG (CBGA * 0.877 + CBG)			0.47	4.67
Total Cannabinoids Analyzed			16.36	163.81

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument ICP/MS/MS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	ND	15
Cadmium (Cd)	0.0005	0.0015	<LOQ	0.5
Mercury (Hg)	0.0058	0.0174	ND	1
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MS/MS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

U: Unidentified
ND: Not Detected
N/A: Not Applicable
NT: Not Reported
LOD: Limit of Detection
LOQ: Limit of Quantification
<LOQ: Detected
XGL: Above Upper Linear Limit
CR: Colony Forming Units per 1 gram
TNTC: Too Numerous to Count



DCC license: CB-0000098-LIC
DEA license: RP047043
ISO/IEC 17025:2017 Acc. #5368

Authorized Signature

Brandon Stahl

Brandon Stahl, Quality Assurance Manager
Fri, 21 Feb 2025 17:39:50 -0800

PharmLabs
LABORATORY LIMS & ELN

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Sample **GMZ**Delta9 THC **0.30%** THCa **19.97%** Total THC (THCa * 0.877 + THC) **17.81%** Delta8 THC **ND**

Sample ID: SD250215-068 (106142)

Matrix: Flower

Tested for: Pure Leaf Distribution

Received: Feb 14, 2025

Analyses executed: FP-IF

Reported: Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Feb 05, 2025 | Instrument: HPLC-VWD | Method: SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level.

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.011	0.03	ND	ND
Cannabidiolol Acid (CBDA)	0.033	0.16	0.54	0.43
Cannabigerol Acid (CBGA)	0.033	0.16	0.59	0.52
Cannabigerol (CBG)	0.048	0.39	0.37	1.16
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.30	3.00
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.06	0.58
Cannabichromene (CBC)	0.002	0.16	0.04	0.35
Tetrahydrocannabinolic Acid (THCA)	0.117	0.589	19.97	199.64
Total THC (THCa * 0.877 + Δ9THC)			17.81	178.10
Total CBD (CBDA * 0.877 + CBD)			17.81	178.10
Total CBG (CBGA * 0.877 + CBG)			0.64	0.38
Total Cannabinoids Analyzed			0.64	6.55
			18.58	185.76

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 21, 2025 | Instrument: ICP/MSMS | Method: SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	1.5
Cadmium (Cd)	0.0003	0.0015	0.00	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument: qPCR and/or Plating | Method: SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument: LC/MSMS | Method: SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI: Unidentified
ND: Not Detected
N/A: Not Applicable
NT: Not Reported
LOD: Limit of Detection
LOQ: Limit of Quantification
uLQ: Detected
uLQ/L: Above Limit of Linearity
CFU/g: Colony Forming Units per 1 gram
TNTC: Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 21 Feb 2025 18:06:16 -0800

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Certificate of Analysis

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Blue Rhino

Client: Pure Leaf Distribution

Sample Name: Blue Rhino

Batch Number: PLD10824BR

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441008-21

Date Received: 10/8/2024



Total CBD

ND

Delta 9-THC

0.20 %

THCA

31.08 %

Total Cannabinoids

31.28 %

Analysis Summary

Residual Pesticides	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0035	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.198	1.98
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	31.082	310.82
Total CBD			ND	ND
Total THC			27.46	274.57
Total Cannabinoids			31.28	312.80

Date Tested: 10/8/24

Total THC = THCa * 0.877 + Delta 9-THC + Delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Marie
Approved By:
Marie True, M.S.
Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Sample Pineapple Express



Delta9 THC 0.24% THCa 19.99% Total THC (THCa * 0.877 + THC) 17.78% Delta8 THC ND

Sample ID: SD250215-051 (106148)

Tested for: Pure Leaf Distribution

Sampled: -

Analyses excluded: PP-IF

Received: Feb 14, 2025

Matrix: Flower

Reported: Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument: HPLC-VWD | Method: SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.035	0.16	0.04	0.39
Cannabigerol Acid (CBGA)	0.035	0.16	0.01	0.32
Cannabigerol (CBG)	0.048	0.16	0.00	0.76
Cannabiol (CBO)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.389	0.24	2.45
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.04	0.40
Cannabichromene (CBC)	0.002	0.16	0.04	0.45
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	19.99	199.91
Total THC (THCa * 0.877 + Δ9THC)			17.78	177.77
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			17.78	177.77
Total CBD (CBDA * 0.877 + CBD)			0.03	0.34
Total CBG (CBGA * 0.877 + CBG)			0.03	0.34
Total Cannabinoids Analyzed			18.42	184.21

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 20, 2025 | Instrument: ICP/MSMS | Method: SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.01	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.00	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument: qPCR and/or Plating | Method: SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument: LC/MSMS | Method: SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20
Aflatoxin B2	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-
Aflatoxin B1			2.5	5.0
Aflatoxin G1			2.5	5.0
Total Aflatoxins			10.0	20.0

U/L Undetectable
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
vLOQ Detected
vLOQ Above LOQ, report as NT
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 21 Feb 2025 17:40:42 -0800

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Jolly Rancher

Client: Pure Leaf Distribution

Sample Name: Jolly Rancher

Batch Number: PLD10824JR

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 47441008-2

Date Received: 10/8/2024



Total CBD

ND

Delta 9-THC

0.18 %

THCA

26.33 %

Total Cannabinoids

26.51 %

Analysis Summary

Residual Pesticides

Pass

Mycotoxins

Pass

Heavy Metals

Pass

Microbial Impurities

Pass

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0035	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.181	1.81
Delta 8-THC	0.0026	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	26.326	263.26
Total CBD			ND	ND
Total THC			23.27	232.68
Total Cannabinoids			26.51	265.06

Date Tested: 10/8/24

Total THC = THCa * 0.877 + d8-THC; Total CBD = CBDA * 0.877 + CBD

Marie True
Approved By:
Marie True, M.S.
Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Sample Sour Diesel

Delta9 THC 0.25% THCa 19.46% Total THC (THCa * 0.877 + THC) 17.32% Delta8 THC ND

Sample ID SD250215-047 (07423)

Tested for Pure Leaf Distribution

Sampled -

Received Feb 14, 2025

Analyses executed CAN+, MIBIG, MTO, PES, HME, FVI, MWA

Matrix Flower

Reported Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.43
Cannabigerolol (CBGA)	0.033	0.16	0.55	5.46
Cannabigerol (CBG)	0.048	0.16	0.97	0.73
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.501	0.25	2.46
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.04	0.42
Cannabichromene (CBC)	0.003	0.16	0.05	0.52
Tetrahydrocannabinolic Acid (THCA)	0.017	0.589	19.46	194.64
Total THC (THCa * 0.877 + Δ9THC)			17.32	173.16
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			17.32	173.16
Total CBD (CBDA * 0.877 + CBD)			0.04	0.38
Total CBG (CBGA * 0.877 + CBG)			0.55	5.52
Total Cannabinoids Analyzed			18.00	179.99

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 19, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0506	0.098	ND	0.5

MIBIG - Microbial

Analyzed Feb 19, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 19, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
vLOQ Detection
HPLC Above Spec Limit of Testing
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



DCC license: CB-0000099-LIC
DEA license: RP0615043
ISO/IEC 17025:2017 Acc. 05368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 21 Feb 2025 17:34:18 -0800

PharmLabs
LABORATORY LIMS & ELN

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. 05368

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PharmLabs San Diego Certificate of Analysis

Sample **Blizzard Berry**Delta9 THC **0.30%** THCa **19.33%** Total THC (THCa * 0.877 + THC) **17.25%** Delta8 THC **ND**

Sample ID: SD250205-048 (106512)

Matrix: Flower

Tested for: Escoriza Matthew

Received: Feb 04, 2025

Reported: Feb 06, 2025

Analyses executed: CAN+, MWA

* CAN+ - Cannabinoids

Analyzed Feb 05, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded uncertainty of the Cannabinoids analysis is approximately ±7.8% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolol (CBDol)	0.011	0.03	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.42
Cannabigerol Acid (CBGA)	0.033	0.16	0.52	5.18
Cannabigerol (CBG)	0.048	0.16	0.04	0.92
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THCV)	0.043	0.162	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.36	0.30	3.00
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.06	0.56
Cannabichromene (CBC)	0.017	0.16	0.04	0.39
Tetrahydrocannabinolic Acid (THCA)	0.017	0.569	19.33	193.29
Total THC (THCa * 0.877 + Δ9THC)			17.25	172.52
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			17.25	172.52
Total CBD (CBDA * 0.877 + CBD)			0.04	0.37
Total CBG (CBGA * 0.877 + CBG)			0.55	5.46
Total Cannabinoids Analyzed			17.93	179.30

*Dry Weight %

MWA - Moisture Content & Water Activity

Analyzed Feb 05, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	6.8 % Mw	15 % Mw	Water Activity	0.03	0.05	0.49 a _w	0.85 a _w

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantitation
xLOQ Detected
xLOQ Above xLOQ
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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DEA license: RP0487043
ISO/IEC 17025:2017 Acc. #5368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Thu, 28 Feb 2025 11:56:51 -0800

PharmLabs
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Sample: 10-25-2024-56681

Sample Received: 10/25/2024;

Report Created: 10/28/2024; Expires: 10/28/2025

Uncle Snoop

Plant, Flower - Uncured



12.693 %

Total THC

0.288 %

Δ-9 THC

15.103 %

Total Cannabinoids

ND %

Total CBD

Cannabinoid

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

Date Tested: 10/25/2024

Complete

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8-THC)	0.0490	0.0735	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9-THC)	0.0490	0.0735	0.288	2.882
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	14.144	141.441
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0490	0.0735	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0490	0.0735	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0490	0.0735	0.210	2.098
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490	0.0735	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0490	0.0735	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0490	0.0735	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0490	0.0735	ND	ND
Cannabidivarin (CBDV)	0.0490	0.0735	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0490	0.0735	ND	ND
Cannabidiol (CBD)	0.0490	0.0735	ND	ND
Cannabidiolic Acid (CBDA)	0.0490	0.0735	ND	ND
Cannabigerol (CBG)	0.0490	0.0735	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0490	0.0735	0.361	3.608
Cannabinol (CBN)	0.0490	0.0735	ND	ND
Cannabinolic Acid (CBNA)	0.0490	0.0735	ND	ND
Cannabichromene (CBC)	0.0490	0.0735	ND	ND
Cannabichromenic Acid (CBCA)	0.0490	0.0735	0.100	1.000
Total			15.103	151.029

Total THC = THCA * 0.877 + Δ-9-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%

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