



# Chain of Custody

Please Print Chain of Custody in Landscape

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**\*\* Same Day Results cost an additional \$100/Sample and require verification by placing a check next to the sample name.**

Customer: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Chemist Deviation(s) - Lab Use Only

Work Order: \_\_\_\_\_  
 Invoice: \_\_\_\_\_

\*\* Sample Name \_\_\_\_\_  
 Lab Number (Lab Use Only) \_\_\_\_\_

**Matrix**

**Analytics**

**Extracted Amount (mg)**

(Lab Use Only)

Biomass Dried	Concentrate	Isolate	Tincture	Topical	Edible	Potency	Solvents	Terpenes	Pesticides	Metals*	Microbials*	Potency	Solvent	Terpene	Pesticide	20 mL	
																10 mL	

**Amount Required for Analyses**

Potency: 1g for Biomass / 0.5g for other matrices  
 Solvent: 0.5g for all matrices  
 Terpene: 1g for all matrices  
 Pesticide: 2g for Biomass / 1g for other matrices  
 Metals: 2g Microbial: 5g

Density: \_\_\_\_\_

Extracted by: \_\_\_\_\_

Date Extracted: \_\_\_\_\_

(Delivered by)	(Date and Time)	*Metal and Micro analyses are sub-contracted to an accredited ISO 17025 lab. Authorization to subcontract requires initials. ____
(Received by)	(Date and Time)	Measurement uncertainty is not accounted for in reported values. Results are based solely on calculated numbers.



Customer: **UBIX Processing**  
 Customer Sample ID: **CBDP-100620**  
 Laboratory Number: **20J0158-01**



## Cannabinoid Profile

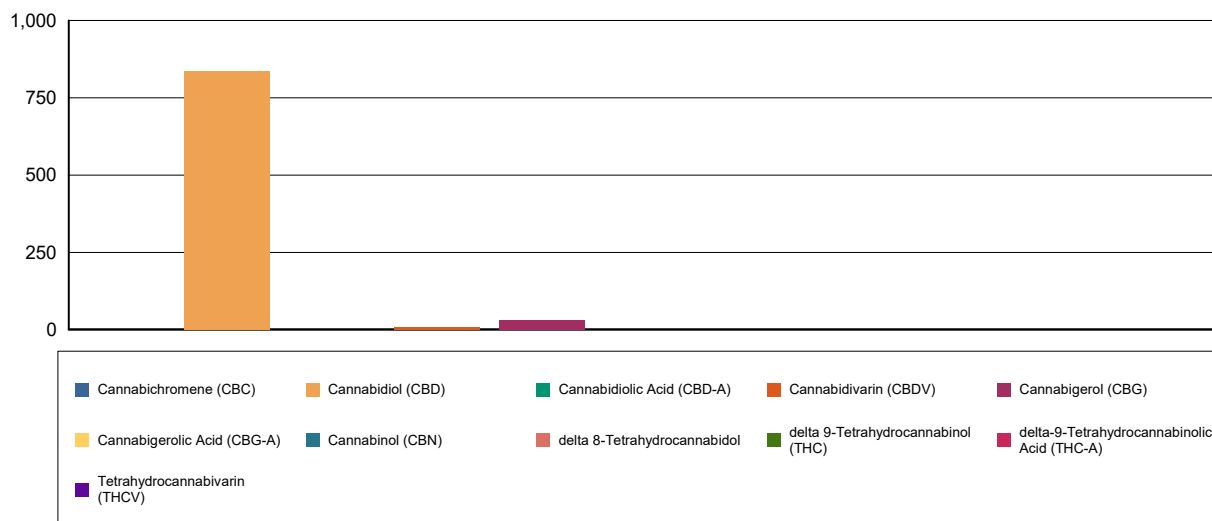
Extraction Technician: DF  
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
10/8/2020	10/8/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidivarin (CBDV)		1.02	10.2
Cannabidiolic Acid (CBD-A)	<0.40		
Cannabigerolic Acid (CBG-A)	<0.40		
Cannabigerol (CBG)		3.04	30.4
Cannabidiol (CBD)		83.61	836
Tetrahydrocannabivarin (THCV)		0.06	0.648
Cannabinol (CBN)		0.06	0.559
delta 9-Tetrahydrocannabinol (THC)		0.09	0.925
delta 8-Tetrahydrocannabidol	<0.40		
Cannabichromene (CBC)	<0.40		
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.40		
Cannabinoids Total		%	mg/g
Max Active THC		0.09	0.93
Max Active CBD		83.60	836.00
T.Active Cannabinoids		86.80	868.00
Total Cannabinoids		87.90	879.00

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty are calculated for CBDa and CBD at +/- 4%. The uncertainty for THCa and THC are +/- 5%. This implies the range for a 10% value of CBD to be 9.6-10.4%. The uncertainty range for a 0.30% value of THC would be 0.28-0.32%. The measurement uncertainty is calculated using a coverage factor of 2.

### Cannabinoid (mg/g)



Reporting Limits will vary based on sample extraction weight used for the analysis.

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 Laboratory Number: **20J0158-01**

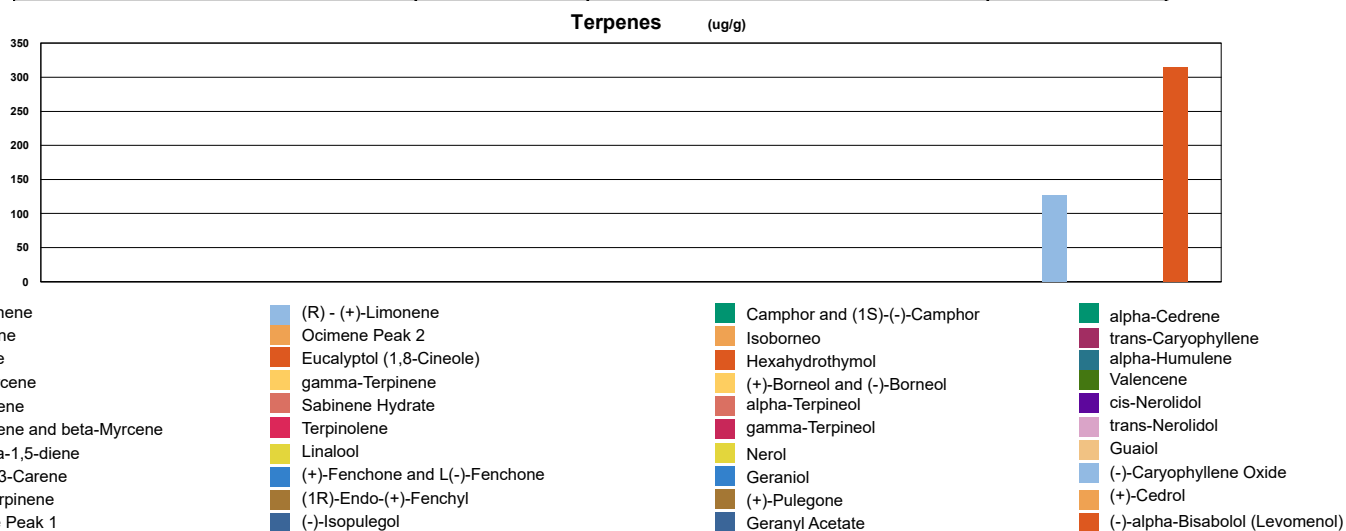


# Terpene Profile

Extraction Technician: DF  
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
10/8/2020	10/8/2020

Terpene	Results	Terpene	Results
	ug/g		ug/g
alpha-Pinene		Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene		alpha-Terpineol	
beta-Pinene		gamma-Terpineol	
p-Mentha-1,5-diene		Nerol	
(1S)-(+)-3-Carene		Geraniol	
alpha-Terpinene		(+)-Pulegone	
Ocimene Peak 1		Geranyl Acetate	
(R) - (+)-Limonene		alpha-Cedrene	
Ocimene Peak 2		trans-Caryophyllene	
Eucalyptol (1,8-Cineole)		alpha-Humulene	
gamma-Terpinene		Valencene	
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	
Linalool		Guaiol	
(+)-Fenchone and L(-)-Fenchone		(-)-Caryophyllene Oxide	127
(1R)-Endo-(+)-Fenchyl		(+)-Cedrol	
(-)-Isopulegol		(-)-alpha-Bisabolol (Levomenol)	314
Camphor and (1S)-(-)-Camphor			



Reporting limit is roughly 40 ug/g depending on amount extracted.

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 Laboratory Number: 20J0158-01



## Residual Solvents Profile

Extraction Technician: DF  
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
10/8/2020	10/8/2020

Residual Solvents	Results	Calibration Range
	ug/g	
Propane	<100	100 - 2000
Isobutane	<100	100 - 2000
Methanol	<100	100 - 2000
Butane	<100	100 - 2000
Isopropanol	<100	100 - 2000
Ethanol	<100	100 - 2000
2-Methyl Butane	<100	100 - 2000
Acetonitrile	<100	100 - 2000
Acetone	<100	100 - 2000
n-Pentane	<100	100 - 2000
n-Hexane	<50.0	50 - 2000
Tetrahydrofuran	<100	100 - 2000
Benzene	<1.00	1.0 - 50
n-Heptane	<100	100 - 2000
Toluene	<100	100 - 2000
Ethylbenzene	<100	100 - 2000
m+p Xylene	<100	100 - 2000
o-Xylene	<100	100 - 2000

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**Customer Sample ID:** CBDP-100620  
**Laboratory Number:** 20J0158-01



## Metals Profile

Extraction Technician: MF	Extraction Date(s)	Analysis Date(s)
Analytical Chemist: MF	10/8/2020	10/13/2020

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS.1	<20.0	ppb
Cadmium	ICPMS.1	<10.0	ppb
Lead	ICPMS.1	9.00	ppb
Mercury	ICPMS.1	5.00	ppb

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

## Microbial Profile

Extraction Technician: MF	Extraction Date(s)	Analysis Date(s)
Analytical Chemist: MF	10/8/2020	10/13/2020

Microbials	Method Code	Results	Units
Salmonella spp.	Salm.1a	Negative	/g
Shiga toxin producing E Coli	STEC.1.a	Negative	/g
Listeria Monocytogenes	Lmono.2	Negative	/g
Aerobic Plate Count	APC.1a	<10.0	cfu/g
Total Coliform Bacteria	TCEC.1a	<10.0	cfu/g
Escherichia coli	TCEC.1a	<10.0	cfu/g
Staphylococcus Aureus	STA.1a	<10.0	cfu/g
Yeast and Mold	Y&M.1.a	<10.0	cfu/g

Limits for microbials vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

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 Laboratory Number: **20J0158-01**



## Pesticide Profile

Extraction Technician: DF  
 Analytical Chemist: rdh

Extraction Date(s)	Analysis Date(s)
10/8/2020	10/8/2020

Pesticides	Results	Pos/Neg	LOD(ug/g)
	<b>ug/g</b>		
Abamectin	ND	NEG	0.0677
Acephate	ND	NEG	0.0387
Acequinocyl	ND	NEG	0.193
Acetamiprid	ND	NEG	0.0193
Aldicarb	ND	NEG	0.0387
Azoxystrobin	ND	NEG	0.0193
Bifenazate	ND	NEG	0.0193
Bifenthrin	ND	NEG	0.0193
Boscalid	ND	NEG	0.0387
Carbaryl	ND	NEG	0.0193
Carbofuran	ND	NEG	0.0193
Chlorantraniliprole	ND	NEG	0.0193
Chlorfenapyr	ND	NEG	0.0967
Chlorpyrifos	ND	NEG	0.0193
Clofentezine	ND	NEG	0.0193
Cyfluthrin	ND	NEG	0.0967
Cypermethrin	ND	NEG	0.0967
Daminozide	ND	NEG	0.0967
DDVP (Dichlorvos)	ND	NEG	0.00967
Diazinon	ND	NEG	0.0193
Dimethoate	ND	NEG	0.0193
Ethoprophos	ND	NEG	0.0193
Etofenprox	ND	NEG	0.0387
Etoxazole	ND	NEG	0.00967
Fenoxycarb	ND	NEG	0.0193
Fenpyroximate	ND	NEG	0.0387
Fipronil	ND	NEG	0.0387
Flonicamid	ND	NEG	0.0967
Fludioxonil	ND	NEG	0.0387
Hexythiazox	ND	NEG	0.0967
Imazalil	ND	NEG	0.0387

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 Laboratory Number: **20J0158-01**



## Pesticide Profile

Extraction Technician: DF  
 Analytical Chemist: rdh

Extraction Date(s)	Analysis Date(s)
10/8/2020	10/8/2020

Pesticides	Results	Pos/Neg	LOD(ug/g)
	ug/g		
Imidacloprid	ND	NEG	0.0193
Kresoxim-methyl	ND	NEG	0.0387
Malathion	ND	NEG	0.0484
Metalaxyl	ND	NEG	0.0193
Methiocarb	ND	NEG	0.0193
Methomyl	ND	NEG	0.0387
Methyl parathion	ND	NEG	0.0967
MGK-264	ND	NEG	0.0193
Myclobutanil	ND	NEG	0.0387
Naled	ND	NEG	0.0484
Oxamyl	ND	NEG	0.0967
Paclobutrazol	ND	NEG	0.0387
Permethrins	ND	NEG	0.0387
Phosmet	ND	NEG	0.0193
Piperonyl Butoxide	ND	NEG	0.193
Prallethrin	ND	NEG	0.0193
Propiconazole	ND	NEG	0.0387
Propoxure	ND	NEG	0.0193
Pyrethrins	ND	NEG	0.484
Pyridaben	ND	NEG	0.0193
Spinosad	ND	NEG	0.0580
Spiromesifen	ND	NEG	0.0290
Spirotetramat	ND	NEG	0.0193
Spiroxamine	ND	NEG	0.0387
Tebuconazole	ND	NEG	0.00967
Thiacloprid	ND	NEG	0.0193
Thiamethoxam	ND	NEG	0.0193
Trifloxystrobin	ND	NEG	0.0193

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