

Prepared for:
Hau Processing
 2200 E 76th Ave Unit 300
 Denver, CO USA 80229

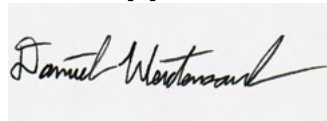
CBD Crystal Resistant Distillate

Batch ID or Lot Number: 1600001	Test: Potency	Reported: 23Feb2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000194617	Started: 23Feb2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 23Feb2022	Status: N/A

Cannabinoids

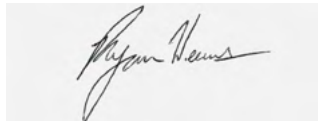
	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.032	0.116	0.040	0.40	
Cannabichromenic Acid (CBCA)	0.029	0.106	ND	ND	
Cannabidiol (CBD)	0.122	0.333	63.300	633.00	
Cannabidiolic Acid (CBDA)	0.125	0.341	ND	ND	
Cannabidivarin (CBDV)	0.029	0.079	2.330	23.30	
Cannabidivarinic Acid (CBDVA)	0.052	0.142	ND	ND	
Cannabigerol (CBG)	0.018	0.066	2.940	29.40	
Cannabigerolic Acid (CBGA)	0.075	0.275	ND	ND	
Cannabinol (CBN)	0.023	0.086	0.100	1.00	
Cannabinolic Acid (CBNA)	0.051	0.187	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.089	0.327	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.081	0.297	0.120	1.20	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.072	0.263	ND	ND	
Tetrahydrocannabivarin (THCV)	0.016	0.060	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.063	0.232	ND	ND	
Total Cannabinoids			68.830	688.30	
Total Potential THC**			0.120	1.20	
Total Potential CBD**			63.300	633.00	

Final Approval



Daniel Weidensaul
 24Feb2022
 05:48:00 PM MST

PREPARED BY / DATE



Ryan Weems
 24Feb2022
 05:50:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/239aa4cf-ddb0-4469-b9da-77ef29b9f51e>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/ IEC 17025:2005 Accredited A2LA.



Cert #4329.02
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Prepared for:


CBD Crystal Resistant Distillate
Hau Processing

Batch ID or Lot Number: 1600001	Test: Residual Solvents	Reported: 3/18/22	Location: 2200 E 76th Ave Unit 300 Denver, CO 80229
Matrix: N/A	Test ID: T000197345	Started: 3/18/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 03/15/2022 @ 12:24 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	74 - 1479	*ND	
Butanes (Isobutane, n-Butane)	150 - 3004	*ND	
Methanol	60 - 1196	*ND	
Pentane	83 - 1667	*ND	
Ethanol	88 - 1757	*ND	
Acetone	94 - 1889	*ND	
Isopropyl Alcohol	100 - 2008	*ND	
Hexane	6 - 116	*ND	
Ethyl Acetate	92 - 1847	*ND	
Benzene	0.2 - 3.5	*ND	
Heptanes	95 - 1897	*ND	
Toluene	17 - 340	*ND	
Xylenes (m,p,o-Xylenes)	121 - 2420	*ND	


 Jacob Miller
 18-Mar-22
 3:42 PM


 Ryan Weems
 18-Mar-22
 3:44 PM

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Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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Prepared for:

CBD Crystal Resistant Distillate
Hau Processing


Batch ID or Lot Number: 1600001	Test: Metals	Reported: 3/21/22	Location: 2200 E 76th Ave Unit 300 Denver, CO 80229
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Matrix: Concentrate	Test ID: T000197344	Started: 3/18/22	USDA License: N/A
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Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 03/15/2022 @ 12:24 PM	Sampler ID: N/A
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HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.57	ND	
Cadmium	0.044 - 4.42	ND	
Mercury	0.045 - 4.52	ND	
Lead	0.043 - 4.31	ND	


 Daniel Weidensaul
 21-Mar-22
 12:34 PM


 Ryan Weems
 21-Mar-22
 12:37 PM

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Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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Prepared for:

CBD Crystal Resistant Distillate
Hau Processing

Batch ID or Lot Number: 1600001	Test: Pesticides	Reported: 3/18/22	Location: 2200 E 76th Ave Unit 300 Denver, CO 80229
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Matrix: Concentrate	Test ID: T000197343	Started: 3/17/22	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 03/15/2022 @ 12:24 PM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	22	ND	Fenoxycarb	37	ND	Paclobutrazol	42	ND
Acetamiprid	38	ND	Fipronil	27	ND	Permethrin	299	ND
Avermectin	285	ND	Flonicamid	53	ND	Phosmet	36	ND
Azoxystrobin	36	ND	Fludioxonil	320	ND	Prophos	276	ND
Bifenazate	36	ND	Hexythiazox	35	ND	Propoxur	37	ND
Boscalid	39	ND	Imazalil	292	ND	Pyridaben	294	ND
Carbaryl	35	ND	Imidacloprid	36	ND	Spinosad A	32	ND
Carbofuran	35	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	44	ND	Malathion	282	ND	Spiromesifen	274	ND
Chlorpyrifos	500	ND	Metalaxyl	36	ND	Spirotetramat	267	ND
Clofentezine	280	ND	Methiocarb	36	ND	Spiroxamine 1	16	ND
Diazinon	281	ND	Methomyl	40	ND	Spiroxamine 2	20	ND
Dichlorvos	265	ND	MGK 264 1	162	ND	Tebuconazole	270	ND
Dimethoate	37	ND	MGK 264 2	107	ND	Thiacloprid	37	ND
E-Fenpyroximate	272	ND	Myclobutanil	45	ND	Thiamethoxam	37	ND
Etofenprox	37	ND	Naled	37	ND	Trifloxystrobin	36	ND
Etoxazole	298	ND	Oxamyl	1500	ND			

K Winternheimer
 Karen Winternheimer
 3/18/2022
 12:42:00 PM

Daniel Weidensaul
 Daniel Weidensaul
 3/18/2022
 12:53:00 PM

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Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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