232 North Plaza Drive Nicholasville, KY 40356 +1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

1 of 6

THC-P Distillate

Sample ID: SA-230719-24741 Batch: 15DST212 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (q):

Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023

Client

The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209





Summary

Test
Cannabinoids
Foreign Matter
Heavy Metals
Microbials
Mycotoxins
Pesticides
Residual Solvents

Date Tested 08/02/2023 07/26/2023 07/26/2023 07/27/2023 07/28/2023 07/28/2023 07/26/2023 Tested Tested Tested Tested Tested

Tested

Tested

Tested

NDTotal Δ9-THC

80.1 % Δ9-THCP 83.4 %

Total Cannabinoids

Not Tested

Moisture Content

Not Detected

Foreign Matter

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.0067	0.02	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ8-THCP	0.0067	0.02	3.28	32.8
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-ΤΗCΑ	0.0084	0.0251	ND	ND
Δ9-THCP	0.0067	0.02	80.1	801
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total			83.4	834

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC + 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone

Tested By: Scott Caudill Senior Scientist Date: 08/02/2023







CCO Date: 08/02/2023

ISO/IEC 17025:2017 Accredited Accreditation #10965



KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

Certificate of Analysis

2 of 6

THC-P Distillate

Sample ID: SA-230719-24741 Batch: 15DST212 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

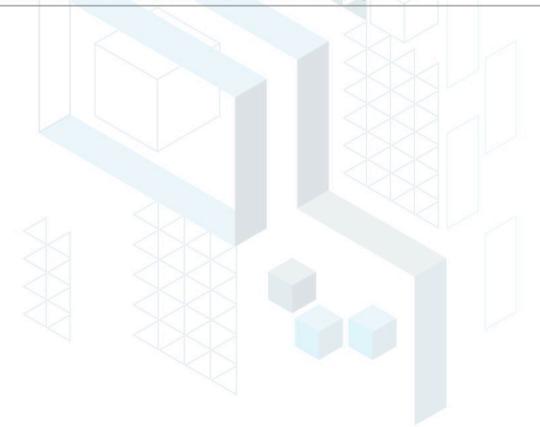
Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023 Client

The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA

Heavy Metals by ICP-MS

LOD (ppb)	LOQ (ppb)	Result (ppb)	
2	20	ND	
1	20	ND	
2	20	ND	
12	50	ND	
	LOD (ppb) 2 1 2 12	2 20 1 20 2 20 2 20	2 20 ND ND ND 20 ND ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO

Scientist Date: 07/26/2023

Tested By: Chris Farman



Date: 08/02/2023 This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of test serformed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories CAD in provide measurement uncertainty upon request.



232 North Plaza Drive Nicholasville, KY 40356 +1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

Certificate of Analysis

3 of 6

THC-P Distillate

Sample ID: SA-230719-24741 Batch: 15DST212 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (a):

Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023 Client

The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Resul
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100	ND	Spinosad	30	100	ND
Fenoxycarb	30	100	ND	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

RRd

Generated By: Ryan Bellone CCO

Princ

Tested By: Jasper van Heemst Principal Scientist Date: 07/28/2023





KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

Certificate of Analysis

4 of 6

THC-P Distillate

Unit Mass (g):

Sample ID: SA-230719-24741 Batch: 15DST212

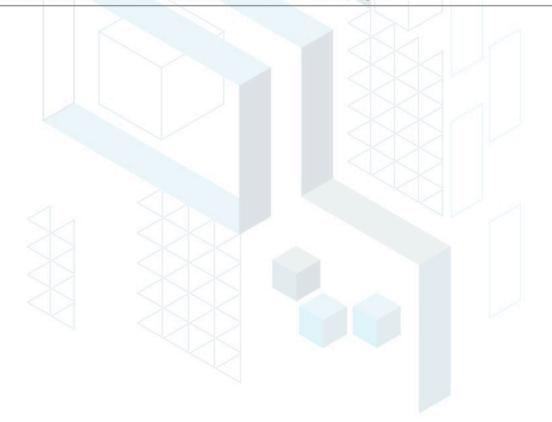
Type: In-Process Material Matrix: Concentrate - Distillate Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023 Client

The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Tested By: Jasper van Heemst Principal Scientist Date: 07/28/2023





+1-833-KCA-LABS 232 North Plaza Drive https://kcalabs.com Nicholasville, KY 40356 KDA Lic.# P_0058

Certificate of Analysis

5 of 6

THC-P Distillate

Sample ID: SA-230719-24741 Batch: 15DST212

Type: In-Process Material Matrix: Concentrate - Distillate

Unit Mass (g):

Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023 Client

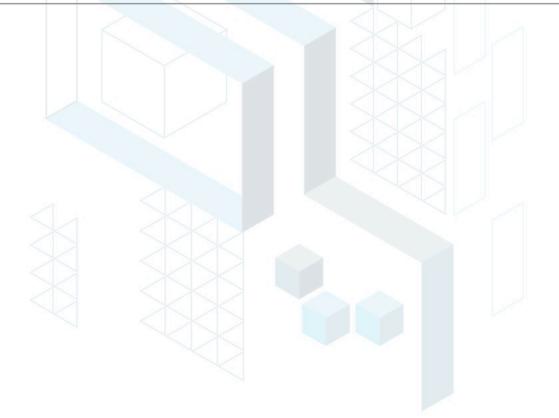
The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209

USA

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1	ND	
Total coliforms	1	ND	
Generic E. coli	1	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

ND = Not Detected: NT = Not Tested: LOD = Limit of Detection: LOO = Limit of Quantitation: CFU = Colony Forming Units: P = Pass: F = Fail: RL = Reporting Limit



Generated By: Ryan Bellone CCO

Tested By: Lucy Jones Scientist Date: 07/27/2023





232 North Plaza Drive Nicholasville, KY 40356 +1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

Certificate of Analysis

6 of 6

THC-P Distillate

Sample ID: SA-230719-24741 Batch: 15DST212

Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g): Collected: 07/19/2023 Received: 07/24/2023 Completed: 08/02/2023 Client

The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209

Residual Solvents by HS-GC-MS

	100						
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

RED

Generated By: Ryan Bellone CCO Solute

Tested By: Scott Caudill Senior Scientist Date: 07/26/2023



Date: 08/02/2023

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/EC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of test sperformed on all quality control samples met criteria for acceptance established by KCA Laboratories KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories can provide measurement uncertainty upon request.