

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

1 of 6

### **CBD** Isolate Client Sample ID: SA-230901-26628 The Hemp Collect Batch: 01ISO227 Received: 09/06/2023 431 NW Flanders St., Ste. 202 Type: In-Process Material Completed: 09/13/2023 Matrix: Concentrate - Isolate Portland, OR 97209 Unit Mass (g): USA Summary Test **Date Tested** Status 09/12/2023 Cannabinoids Tested 09/06/2023 Foreign Matter Tested Heavy Metals 09/08/2023 Tested Microbials 09/08/2023 Tested Mycotoxins 09/11/2023 Tested 09/11/2023 Pesticides Tested **Residual Solvents** 09/13/2023 Tested 99.7 % Not Tested Not Detected ND 99.4% Yes Total Cannabinoids Total ∆9-THC CBD **Moisture Content** Foreign Matter Internal Standard Normalization Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS LOD Result LOO Result Analyte (%) (%) (%) (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 99.4 994 CBDA 0.0043 0.013 ND ND CBDV 0.0061 0.0182 0.322 3.22 CBDVA 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 0.054 CBT 0.018 ND ND 0.0312 0.0104 A8-THC ND ND ∆9-THC 0.0076 0.0227 ND ND Δ9-THCA 0.0084 0.0251 ND ND 0.0069 Δ9-THCV 0.0206 ND ND ∆9-THCVA 0.0062 0.0186 ND ND

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

Total ∆9-THC

Total

Generated By: Ryan Bellone CCO Date: 09/13/2023

Tested By: Nicholas Howard

sted By: Nicholas Howard Scientist Date: 09/12/2023



ND

997

ND

99.7

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 tests performed 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.

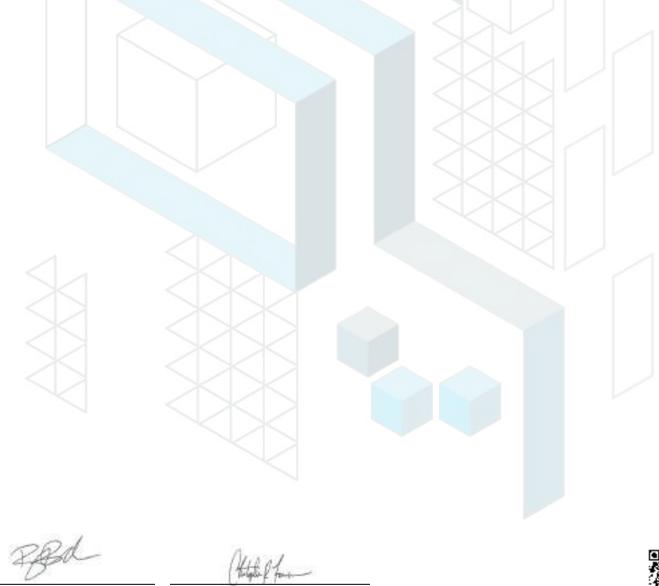


+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

2 of 6

CBD Isolate					
Sample ID: SA-230901-26628 Batch: 01ISO227 Type: In-Process Material Matrix: Concentrate - Isolate Unit Mass (g):		Received: 09/06/2023 Completed: 09/13/2023	<b>Client</b> The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA		
Heavy Metals by IC	P-MS				
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)		
Arsenic	2	20	ND		
Cadmium	1	20	ND		
Lead	2	20	ND		
Mercury	12	50	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 ссо Date: 09/13/2023

Tested By: Chris Farman

Scientist Date: 09/08/2023



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 tests performed 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 and provide measurement uncertainty upon request.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

3 of 6

CBD Isolate

Sample ID: SA-230901-26628 Batch: 01ISO227 Type: In-Process Material Matrix: Concentrate - Isolate Unit Mass (g):

Received: 09/06/2023 Completed: 09/13/2023 **Client** The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA

# Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
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

Generated By: Ryan Bellone CCO Date: 09/13/2023

UMAS Tested By: Jasper van Heemst

Principal Scientist Date: 09/11/2023 ratories using validated testing methodologies and an ISO/IEC 17025

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 tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories 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.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

4 of 6

## **CBD** Isolate

ample ID: SA-230901-26628 atch: 01ISO227 /pe: In-Process Material atrix: Concentrate - Isolate nit Mass (g):		Received: 09/06/2023 Completed: 09/13/2023	Client The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA
Mycotoxins k Analyte	by LC-MS/MS	LOQ (ppb)	Result (ppb)
		LOQ (ppb) 5	Result (ppb)
Analyte		<b>LOQ (ppb)</b> 5 5	
Analyte B1		LOQ (ppb) 5 5 5 5	ND
Analyte B1 B2		LOQ (ppb) 5 5 5 5 5 5 5	ND ND

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

WWNS Generated By: Ryan Bellone Tested By: Jasper van Heemst ссо **Principal Scientist** Date: 09/13/2023 Date: 09/11/2023



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 tests performed 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 are provide measurement uncertainty upon request.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

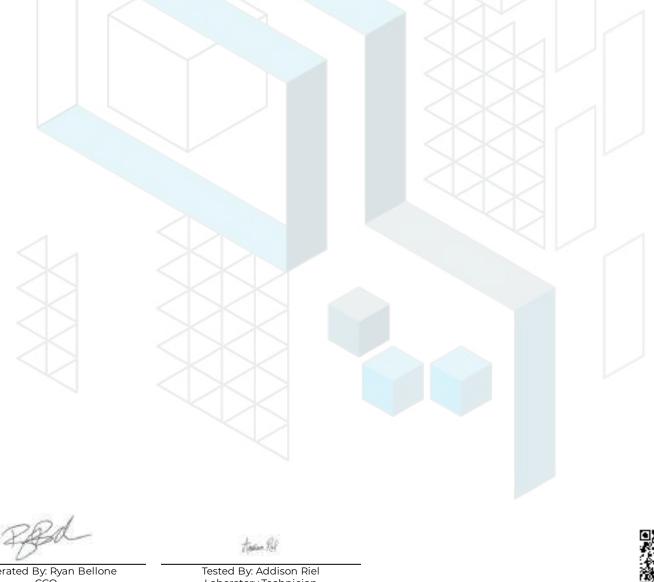
5 of 6

## **CBD** Isolate

Sample ID: SA-230901-26628 Batch: 01ISO227 Type: In-Process Material Matrix: Concentrate - Isolate Unit Mass (g):		d: 09/06/2023 ted: 09/13/2023	Client The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA		
Microbials by PCR an	d Plating LOD (CFU/g)				
Analyte	LOD (CF0/g)	Result (CFU/g)	Result (Qualitative)		
Total aerobic count		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; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit





Generated By: Ryan Bellone CCO Date: 09/13/2023

Tested By: Addison Riel Laboratory Technician Date: 09/08/2023

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 tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories 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.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

6 of 6

## **CBD** Isolate

Sample ID: SA-230901-26628 Batch: 01ISO227 Type: In-Process Material Matrix: Concentrate - Isolate Unit Mass (g):

Received: 09/06/2023 Completed: 09/13/2023 **Client** The Hemp Collect 431 NW Flanders St., Ste. 202 Portland, OR 97209 USA

# Residual Solvents by HS-GC-MS

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	<loq< td=""></loq<>
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

Generated By: Ryan Bellone CCO Date: 09/13/2023

Tested By: Scott Caudill Laboratory Manager Date: 09/13/2023



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 tests performed 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 are provide measurement uncertainty upon request.