SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Coseva
428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Unflavored CBD

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 7
CAC	Various	Concentrate	
Reported:	Started:	Received:	
29Nov2022	28Nov2022	23Nov2022	

Mycotoxins

Test ID: T000227997
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	4.33 - 115.53	ND	N/A
Aflatoxin B1	0.86 - 29.52	ND	
Aflatoxin B2	0.92 - 29.46	ND	
Aflatoxin G1	1.00 - 30.06	ND	
Aflatoxin G2	1.00 - 29.72	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
29Nov2022
09:14:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
29Nov2022
09:17:00 AM MST
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Cannabinoids

Test ID: T000227992
Methods: TM14 (HPLC-DAD)

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.011	0.034	ND	ND	
Cannabichromenic Acid (CBCA)	0.010	0.031	ND	ND	
Cannabidiol (CBD)	0.031	0.089	2.060	20.60	
Cannabidiolic Acid (CBDA)	0.032	0.091	ND	ND	
Cannabidivarin (CBDV)	0.007	0.021	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.013	0.038	ND	ND	
Cannabigerol (CBG)	0.006	0.019	0.030	0.30	
Cannabigerolic Acid (CBGA)	0.026	0.081	ND	ND	
Cannabinol (CBN)	0.008	0.025	ND	ND	
Cannabinolic Acid (CBNA)	0.018	0.055	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.031	0.096	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.029	0.087	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.025	0.077	ND	ND	
Tetrahydrocannabivarin (THCV)	0.006	0.018	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.022	0.068	ND	ND	
Total Cannabinoids			**2.090**	**20.90**	
Total Potential THC			ND	ND	
Total Potential CBD			2.060	20.60	

Final Approval

Sam Smith
29Nov2022
11:04:00 AM MST
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Karen Winternheimer
29Nov2022
11:07:00 AM MST
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Residual Solvents

Test ID: T000227996
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	90 - 1806	ND	
Butanes (Isobutane, n-Butane)	177 - 3545	ND	
Methanol	60 - 1197	ND	
Pentane	96 - 1926	ND	
Ethanol	98 - 1963	ND	
Acetone	97 - 1934	ND	
Isopropyl Alcohol	105 - 2097	ND	
Hexane	6 - 113	ND	
Ethyl Acetate	97 - 1942	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	100 - 1991	ND	
Toluene	17 - 346	ND	
Xylenes (m,p,o-Xylenes)	127 - 2548	ND	

Final Approval

Samantha Smith
Sam Smith
29Nov2022
03:38:00 PM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
29Nov2022
03:42:00 PM MST
APPROVED BY / DATE

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Pesticides

Test ID: T000227993
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	305 - 2676	ND	Malathion	301 - 2750	ND
Acephate	41 - 2759	ND	Metalaxyl	47 - 2739	ND
Acetamiprid	44 - 2746	ND	Methiocarb	43 - 2743	ND
Azoxystrobin	46 - 2724	ND	Methomyl	43 - 2753	ND
Bifenazate	45 - 2712	ND	MGK 264 1	181 - 1606	ND
Boscalid	45 - 2751	ND	MGK 264 2	120 - 1149	ND
Carbaryl	43 - 2735	ND	Myclobutanil	46 - 2762	ND
Carbofuran	44 - 2736	ND	Naled	48 - 2769	ND
Chlorantraniliprole	51 - 2753	ND	Oxamyl	42 - 2740	ND
Chlorpyrifos	46 - 2754	ND	Paclobutrazol	42 - 2743	ND
Clofentezine	286 - 2770	ND	Permethrin	240 - 2787	ND
Diazinon	283 - 2744	ND	Phosmet	47 - 2723	ND
Dichlorvos	312 - 2736	ND	Prophos	300 - 2744	ND
Dimethoate	44 - 2728	ND	Propoxur	44 - 2735	ND
E-Fenpyroximate	289 - 2786	ND	Pyridaben	291 - 2703	ND
Etofenprox	46 - 2791	ND	Spinosad A	34 - 2246	ND
Etoxazole	305 - 2753	ND	Spinosad D	51 - 504	ND
Fenoxycarb	44 - 2762	ND	Spiromesifen	282 - 2763	ND
Fipronil	54 - 2891	ND	Spirotetramat	285 - 2787	ND
Flonicamid	48 - 2696	ND	Spiroxamine 1	17 - 1182	ND
Fludioxonil	300 - 2724	ND	Spiroxamine 2	24 - 1566	ND
Hexythiazox	43 - 2798	ND	Tebuconazole	287 - 2758	ND
Imazalil	269 - 2784	ND	Thiacloprid	44 - 2743	ND
Imidacloprid	47 - 2761	ND	Thiamethoxam	41 - 2770	ND
Kresoxim-methyl	48 - 2780	ND	Trifloxystrobin	45 - 2763	ND

Final Approval

Sam Smith
30Nov2022
12:52:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
30Nov2022
12:56:00 PM MST
APPROVED BY / DATE

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Heavy Metals

Test ID: T000227995
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.64	ND	
Cadmium	0.04 - 4.34	ND	
Mercury	0.04 - 4.41	ND	
Lead	0.05 - 4.77	ND	

Final Approval

Colin Hendrickson
01Dec2022
10:03:00 AM MST
PREPARED BY / DATE

Sam Smith
01Dec2022
10:08:00 AM MST
APPROVED BY / DATE

Microbial Contaminants

Test ID: T000227994
Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	**LOD**	**Quantitation Range**	**Result**	**Notes**
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Eden Thompson-Wright
01Dec2022
03:15:00 PM MST
PREPARED BY / DATE

Brett Hudson
02Dec2022
05:14:00 PM MST
APPROVED BY / DATE

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https://results.botanacor.com/api/v1/coas/uuid/1a16f140-2d3c-4f1b-9a5f-0299d1c6565e

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Cert #4329.02
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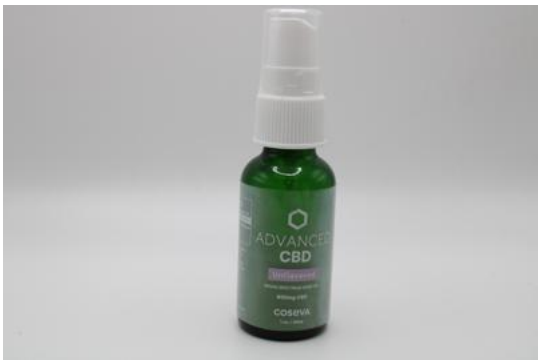

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