

Prepared for:

Coseva

428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Heavy Metals	Reported: 26May2023	USDA License: NA
Matrix: Finished Product	Test ID: T000244917	Started: 25May2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 25May2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.73	ND	
Cadmium	0.05 - 4.58	ND	
Mercury	0.05 - 4.60	ND	
Lead	0.04 - 4.38	ND	

Final Approval



Rachel Morris
26May2023
12:35:00 PM MDT

PREPARED BY / DATE



Sam Smith
26May2023
12:37:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f5c0eb85-e723-4bad-8016-09f761e5cb26>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02
f5c0eb85e7234bad801609f761e5cb26.1

Prepared for:

Coseva

428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Microbial Contaminants	Reported: 08Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000245586	Started: 05Jun2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 05Jun2023	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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
08Jun2023
01:56:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
08Jun2023
02:07:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/962e0260-35fb-43c3-8a4b-05069cca9177>

Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Microbial Contaminants	Reported: 08Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000245586	Started: 05Jun2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 05Jun2023	Status: NA



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Prepared for:

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428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Mycotoxins	Reported: 31May2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000244919	Started: 30May2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 25May2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.91 - 126.28	ND	N/A
Aflatoxin B1	0.86 - 32.17	ND	
Aflatoxin B2	0.77 - 32.26	ND	
Aflatoxin G1	0.83 - 32.26	ND	
Aflatoxin G2	0.83 - 32.72	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
31May2023
01:51:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
31May2023
01:53:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/646c696a-3197-4e29-940e-80d47214ecb1>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:

Coseva


428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Pesticides	Reported: 05Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000244915	Started: 01Jun2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 25May2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	259 - 2844	ND	Malathion	290 - 2732	ND
Acephate	42 - 2785	ND	Metalaxyl	44 - 2731	ND
Acetamiprid	42 - 2735	ND	Methiocarb	43 - 2750	ND
Azoxystrobin	46 - 2696	ND	Methomyl	42 - 2794	ND
Bifenazate	41 - 2719	ND	MGK 264 1	180 - 1681	ND
Boscalid	52 - 2649	ND	MGK 264 2	114 - 1072	ND
Carbaryl	41 - 2726	ND	Myclobutanil	41 - 2740	ND
Carbofuran	43 - 2710	ND	Naled	49 - 2751	ND
Chlorantraniliprole	41 - 2771	ND	Oxamyl	43 - 2776	ND
Chlorpyrifos	51 - 2721	ND	Pacllobutrazol	45 - 2738	ND
Clofentezine	291 - 2751	ND	Permethrin	262 - 2719	ND
Diazinon	284 - 2724	ND	Phosmet	39 - 2688	ND
Dichlorvos	285 - 2789	ND	Prophos	281 - 2732	ND
Dimethoate	44 - 2745	ND	Propoxur	41 - 2716	ND
E-Fenpyroximate	282 - 2714	ND	Pyridaben	289 - 2686	ND
Etofenprox	42 - 2693	ND	Spinosad A	34 - 2079	ND
Etoxazole	290 - 2686	ND	Spinosad D	63 - 656	ND
Fenoxycarb	13 - 2766	ND	Spiromesifen	265 - 2700	ND
Fipronil	28 - 2735	ND	Spirotetramat	274 - 2738	ND
Flonicamid	50 - 2822	ND	Spiroxamine 1	19 - 1212	ND
Fludioxonil	296 - 2655	ND	Spiroxamine 2	22 - 1523	ND
Hexythiazox	39 - 2714	ND	Tebuconazole	293 - 2735	ND
Imazalil	301 - 2741	ND	Thiacloprid	42 - 2724	ND
Imidacloprid	42 - 2778	ND	Thiamethoxam	40 - 2772	ND
Kresoxim-methyl	52 - 2733	ND	Trifloxystrobin	43 - 2707	ND

Final Approval



Sam Smith
05Jun2023
11:12:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
05Jun2023
11:20:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4b582e43-7317-4ea9-8bbc-8128d163a17f>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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4b582e4373174ea98bbc8128d163a17f.1

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428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107


Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Potency	Reported: 30May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000244914	Started: 26May2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 25May2023	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.011	0.035	ND	ND	
Cannabichromenic Acid (CBCA)	0.010	0.032	ND	ND	
Cannabidiol (CBD)	0.028	0.087	2.080	20.80	
Cannabidiolic Acid (CBDA)	0.029	0.090	ND	ND	
Cannabidivarin (CBDV)	0.007	0.021	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.012	0.037	ND	ND	
Cannabigerol (CBG)	0.006	0.020	0.030	0.30	
Cannabigerolic Acid (CBGA)	0.026	0.084	ND	ND	
Cannabinol (CBN)	0.008	0.026	ND	ND	
Cannabinolic Acid (CBNA)	0.018	0.057	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.031	0.100	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.028	0.091	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.025	0.081	ND	ND	
Tetrahydrocannabivarin (THCV)	0.006	0.018	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.022	0.071	ND	ND	
Total Cannabinoids			2.110	21.10	
Total Potential THC			ND	ND	
Total Potential CBD			2.080	20.80	

Final Approval



Sam Smith
30May2023
02:33:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
30May2023
02:35:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f1b3c7eb-4bad-4d23-bdb4-7f233d51f40c>

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)).

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Coseva


428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Orange Vanilla

Batch ID or Lot Number: CAI52323-1	Test: Residual Solvents	Reported: 30May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000244918	Started: 30May2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 25May2023	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1799	ND	
Butanes (Isobutane, n-Butane)	185 - 3690	ND	
Methanol	55 - 1094	ND	
Pentane	92 - 1841	ND	
Ethanol	94 - 1887	ND	
Acetone	90 - 1802	ND	
Isopropyl Alcohol	93 - 1850	ND	
Hexane	5 - 109	ND	
Ethyl Acetate	91 - 1813	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	92 - 1847	ND	
Toluene	16 - 327	ND	
Xylenes (m,p,o-Xylenes)	120 - 2401	ND	

Final Approval



Rachel Morris
30May2023
05:02:00 PM MDT

PREPARED BY / DATE



Sam Smith
30May2023
05:02:00 PM MDT

APPROVED BY / DATE



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Definitions

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