SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Elm Nutrition LLC
221 N. Broad Street, Suite 3A
Middletown, DE USA 19709

Full Spectrum 1000mg - Natural

Batch ID or Lot Number:	Test:	Reported:	USDA License:
7558CB	**Heavy Metals**	**05May2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000241971	05May2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	01May2023	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.82	ND	
Cadmium	0.05 - 4.65	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.01 - 1.47	ND	

Final Approval

Sam Smith
05May2023
12:10:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
05May2023
12:14:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c085f40d-91ff-4bd0-9d91-2b8e2966cf3f

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

Cert #4329.02
c085f40d91ff4bd09d912b8e2966cf3f.1

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Full Spectrum 1000mg - Natural

Batch ID or Lot Number:	Test:	Reported:	USDA License:
7558CB	**Potency**	**04May2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000241969	02May2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	01May2023	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.886	5.451	<LOQ	<LOQ	# of Servings = 1, Sample Weight=28.8g
Cannabichromenic Acid (CBCA)	1.725	4.986	ND	ND	
Cannabidiol (CBD)	5.490	14.584	1016.330	35.30	
Cannabidiolic Acid (CBDA)	5.631	14.959	ND	ND	
Cannabidivarin (CBDV)	1.298	3.449	11.140	0.40	
Cannabidivarinic Acid (CBDVA)	2.349	6.240	ND	ND	
Cannabigerol (CBG)	1.071	3.095	19.930	0.70	
Cannabigerolic Acid (CBGA)	4.477	12.938	ND	ND	
Cannabinol (CBN)	1.397	4.038	ND	ND	
Cannabinolic Acid (CBNA)	3.054	8.827	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.333	15.414	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.844	13.999	23.600	0.80	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.291	12.403	ND	ND	
Tetrahydrocannabivarin (THCV)	0.974	2.815	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.785	10.940	ND	ND	
Total Cannabinoids			**1071.000**	**37.20**	
Total Potential THC			23.600	0.80	
Total Potential CBD			1016.330	35.30	

Final Approval

Karen Winternheimer
04May2023
09:22:00 AM MDT
PREPARED BY / DATE

Sam Smith
04May2023
09:24:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/0138180f-5c58-4635-91da-e772e38876f0

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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Middletown, DE USA 19709

Full Spectrum 1000mg - Natural

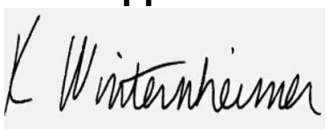
Batch ID or Lot Number:	Test:	Reported:	USDA License:
7558CB	**Pesticides**	**05May2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000241970	04May2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	01May2023	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	357 - 3481	ND
Acephate	68 - 2750	ND
Acetamiprid	46 - 2854	ND
Azoxystrobin	44 - 2716	ND
Bifenazate	37 - 2690	ND
Boscalid	47 - 2701	ND
Carbaryl	39 - 2777	ND
Carbofuran	44 - 2766	ND
Chlorantraniliprole	48 - 2676	ND
Chlorpyrifos	38 - 2918	ND
Clofentezine	297 - 2744	ND
Diazinon	282 - 2764	ND
Dichlorvos	369 - 2754	ND
Dimethoate	51 - 2873	ND
E-Fenpyroximate	291 - 2742	ND
Etofenprox	41 - 2846	ND
Etoxazole	284 - 2909	ND
Fenoxycarb	2 - 2719	ND
Fipronil	56 - 2573	ND
Flonicamid	45 - 2849	ND
Fludioxonil	313 - 2758	ND
Hexythiazox	40 - 2748	ND
Imazalil	284 - 2789	ND
Imidacloprid	37 - 2793	ND
Kresoxim-methyl	39 - 2799	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	300 - 2788	ND
Metalaxyl	44 - 2763	ND
Methiocarb	50 - 2812	ND
Methomyl	49 - 2924	ND
MGK 264 1	189 - 1720	ND
MGK 264 2	122 - 1074	ND
Myclobutanil	49 - 2745	ND
Naled	47 - 2797	ND
Oxamyl	50 - 2938	ND
Paclobutrazol	38 - 2635	ND
Permethrin	279 - 2800	ND
Phosmet	42 - 2709	ND
Prophos	290 - 2836	ND
Propoxur	43 - 2770	ND
Pyridaben	286 - 2813	ND
Spinosad A	32 - 2061	ND
Spinosad D	64 - 700	ND
Spiromesifen	316 - 2739	ND
Spirotetramat	285 - 2660	ND
Spiroxamine 1	20 - 1229	ND
Spiroxamine 2	27 - 1592	ND
Tebuconazole	297 - 2618	ND
Thiacloprid	46 - 2805	ND
Thiamethoxam	42 - 2840	ND
Trifloxystrobin	44 - 2739	ND

Final Approval



Karen Winternheimer
05May2023
12:31:00 PM MDT

PREPARED BY / DATE

Sam Smith
05May2023
12:33:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8bac88de-9032-4781-a8ba-90a34a46d26b

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

Cert #4329.02
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