botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

Green Compass Global

1121 Military Cutoff Rd. Suite C339
Wilmington, NC USA 28405

1000 mg Organic Cinnamon Full Spectrum

Batch ID or Lot Number:	Test:	Reported:	USDA License:
LE 210345	**Potency**	**01Apr2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000199863	31Mar2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	29Mar2022	N/A

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.055	0.179	1.130	1.20	Density = 0.951796g/mL
Cannabichromenic Acid (CBCA)	0.051	0.164	ND	ND	
Cannabidiol (CBD)	0.143	0.452	38.570	40.50	
Cannabidiolic Acid (CBDA)	0.147	0.463	ND	ND	
Cannabidivarin (CBDV)	0.034	0.107	0.260	0.30	
Cannabidivarinic Acid (CBDVA)	0.061	0.193	ND	ND	
Cannabigerol (CBG)	0.032	0.102	0.660	0.70	
Cannabigerolic Acid (CBGA)	0.132	0.425	ND	ND	
Cannabinol (CBN)	0.041	0.133	0.080	0.10	
Cannabinolic Acid (CBNA)	0.090	0.290	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.157	0.506	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.142	0.460	1.880	2.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.126	0.407	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.092	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.111	0.359	ND	ND	
Total Cannabinoids			**42.580**	**44.74**	
Total Potential THC			1.880	1.98	
Total Potential CBD			38.570	40.52	

Final Approval

Sam Smith
01Apr2022
12:35:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
01Apr2022
12:38:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/4d32fc23-081a-4db0-8504-09b2825e1b39

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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Batch ID or Lot Number:	Test:	Reported:	USDA License:
LE 210345	**Heavy Metals**	**01Apr2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000199865	31Mar2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	29Mar2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.08	ND	
Cadmium	0.04 - 4.31	ND	
Mercury	0.04 - 4.14	ND	
Lead	0.04 - 4.15	ND	

Final Approval

Daniel Weidensaul
01Apr2022
06:54:00 AM MDT

PREPARED BY / DATE

Sam Smith
01Apr2022
06:57:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8fb79f90-14f0-4af4-81e5-d1286a9c7e5e

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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1121 Military Cutoff Rd. Suite C339
Wilmington, NC USA 28405

1000 mg Organic Cinnamon Full Spectrum

Batch ID or Lot Number:	Test:	Reported:	USDA License:
LE 210345	**Pesticides**	**04Apr2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000199864	01Apr2022	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	29Mar2022	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	301 - 2670	ND
Acephate	46 - 2839	ND
Acetamiprid	41 - 2790	ND
Azoxystrobin	45 - 2739	ND
Bifenazate	43 - 2739	ND
Boscalid	40 - 2812	ND
Carbaryl	42 - 2746	ND
Carbofuran	41 - 2721	ND
Chlorantraniliprole	43 - 2793	ND
Chlorpyrifos	39 - 2716	ND
Clofentezine	279 - 2740	ND
Diazinon	275 - 2756	ND
Dichlorvos	296 - 2808	ND
Dimethoate	40 - 2790	ND
E-Fenpyroximate	282 - 2729	ND
Etofenprox	42 - 2724	ND
Etoxazole	289 - 2692	ND
Fenoxycarb	44 - 2732	ND
Fipronil	43 - 2750	ND
Flonicamid	46 - 2795	ND
Fludioxonil	294 - 2702	ND
Hexythiazox	44 - 2727	ND
Imazalil	270 - 2747	ND
Imidacloprid	42 - 2772	ND
Kresoxim-methyl	49 - 2786	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	279 - 2722	ND
Metalaxyl	44 - 2744	ND
Methiocarb	44 - 2762	ND
Methomyl	44 - 2830	ND
MGK 264 1	162 - 1627	ND
MGK 264 2	66 - 1131	ND
Myclobutanil	54 - 2748	ND
Naled	51 - 2764	ND
Oxamyl	40 - 2817	ND
Paclobutrazol	47 - 2719	ND
Permethrin	292 - 2733	ND
Phosmet	40 - 2724	ND
Prophos	274 - 2744	ND
Propoxur	42 - 2735	ND
Pyridaben	286 - 2704	ND
Spinosad A	36 - 2240	ND
Spinosad D	49 - 491	ND
Spiromesifen	274 - 2736	ND
Spirotetramat	258 - 2753	ND
Spiroxamine 1	13 - 1174	ND
Spiroxamine 2	16 - 1557	ND
Tebuconazole	278 - 2732	ND
Thiacloprid	40 - 2799	ND
Thiamethoxam	40 - 2805	ND
Trifloxystrobin	44 - 2756	ND

Final Approval

Samantha Smith
Sam Smith
04Apr2022
03:20:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
Daniel Weidensaul
04Apr2022
03:24:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/9db86bcb-2ef2-4720-98bc-c0ded87697b4

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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1000 mg Organic Cinnamon Full Spectrum

Batch ID or Lot Number:	Test:	Reported:	USDA License:
LE 210345	**Residual Solvents**	**30Mar2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000199866	30Mar2022	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	29Mar2022	N/A

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	76 - 1514	ND	
Butanes (Isobutane, n-Butane)	155 - 3099	ND	
Methanol	55 - 1103	ND	
Pentane	84 - 1675	ND	
Ethanol	88 - 1769	ND	
Acetone	91 - 1813	ND	
Isopropyl Alcohol	94 - 1876	ND	
Hexane	6 - 114	ND	
Ethyl Acetate	93 - 1866	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	92 - 1836	ND	
Toluene	17 - 340	ND	
Xylenes (m,p,o-Xylenes)	123 - 2459	ND	

Final Approval

Hannah Wright
30Mar2022
05:03:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
30Mar2022
05:05:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/bcad3cdc-dccd-4420-9728-d2f92a20e29b

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

bcad3cdcdccd44209728d2f92a20e29b.1