SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Green Apple THC Gummies

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
GA006	Various	Finished Product	
Reported:	Started:	Received:	
13Sep2023	13Sep2023	08Sep2023	

Residual Solvents

Test ID: T000255307
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	105 - 2106	ND	
Butanes (Isobutane, n-Butane)	209 - 4179	ND	
Methanol	63 - 1265	ND	
Pentane	106 - 2115	ND	
Ethanol	102 - 2049	ND	
Acetone	104 - 2087	ND	
Isopropyl Alcohol	105 - 2097	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	102 - 2031	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	104 - 2085	ND	
Toluene	19 - 376	ND	
Xylenes (m,p,o-Xylenes)	136 - 2719	ND	

Final Approval

Karen Winternheimer
13Sep2023
02:43:00 PM MDT
PREPARED BY / DATE

Sam Smith
13Sep2023
02:44:00 PM MDT
APPROVED BY / DATE

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Cannabinoids

Test ID: T000255304

Methods: TM14 (HPLC-DAD)	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.278	0.869	ND	ND	# of Servings = 1, Sample Weight=3.446g
Cannabichromenic Acid (CBCA)	0.254	0.795	ND	ND	
Cannabidiol (CBD)	0.881	2.245	ND	ND	
Cannabidiolic Acid (CBDA)	0.904	2.303	ND	ND	
Cannabidivarin (CBDV)	0.208	0.531	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.377	0.960	ND	ND	
Cannabigerol (CBG)	0.158	0.493	ND	ND	
Cannabigerolic Acid (CBGA)	0.659	2.062	ND	ND	
Cannabinol (CBN)	0.206	0.643	ND	ND	
Cannabinolic Acid (CBNA)	0.450	1.407	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.785	2.457	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.713	2.231	4.790	1.40	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.632	1.977	ND	ND	
Tetrahydrocannabivarin (THCV)	0.143	0.449	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.557	1.744	ND	ND	
Total Cannabinoids			**4.790**	**1.40**	
Total Potential THC			4.790	1.40	
Total Potential CBD			ND	ND	

Final Approval

Karen Winternheimer
13Sep2023
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Sam Smith
13Sep2023
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Pesticides

Test ID: T000255305
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	352 - 2613	ND	Malathion	273 - 2712	ND
Acephate	45 - 2712	ND	Metalaxyl	47 - 2676	ND
Acetamiprid	42 - 2736	ND	Methiocarb	47 - 2784	ND
Azoxystrobin	48 - 2669	ND	Methomyl	42 - 2775	ND
Bifenazate	47 - 2705	ND	MGK 264 1	132 - 1693	ND
Boscalid	50 - 2752	ND	MGK 264 2	110 - 1068	ND
Carbaryl	45 - 2704	ND	Myclobutanil	93 - 2714	ND
Carbofuran	45 - 2713	ND	Naled	46 - 2744	ND
Chlorantraniliprole	43 - 2842	ND	Oxamyl	43 - 2782	ND
Chlorpyrifos	47 - 2725	ND	Paclobutrazol	45 - 2756	ND
Clofentezine	268 - 2759	ND	Permethrin	278 - 2737	ND
Diazinon	280 - 2723	ND	Phosmet	42 - 2686	ND
Dichlorvos	255 - 2755	ND	Prophos	295 - 2783	ND
Dimethoate	42 - 2743	ND	Propoxur	45 - 2701	ND
E-Fenpyroximate	280 - 2753	ND	Pyridaben	300 - 2719	ND
Etofenprox	45 - 2650	ND	Spinosad A	34 - 2073	ND
Etoxazole	307 - 2718	ND	Spinosad D	72 - 670	ND
Fenoxycarb	25 - 2756	ND	Spiromesifen	264 - 2755	ND
Fipronil	36 - 2773	ND	Spirotetramat	261 - 2774	ND
Flonicamid	50 - 2757	ND	Spiroxamine 1	20 - 1216	ND
Fludioxonil	305 - 2727	ND	Spiroxamine 2	25 - 1555	ND
Hexythiazox	43 - 2745	ND	Tebuconazole	312 - 2653	ND
Imazalil	282 - 2706	ND	Thiacloprid	44 - 2738	ND
Imidacloprid	42 - 2790	ND	Thiamethoxam	43 - 2764	ND
Kresoxim-methyl	47 - 2693	ND	Trifloxystrobin	46 - 2680	ND

Final Approval

Karen Winternheimer
14Sep2023
08:36:00 AM MDT
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Sam Smith
14Sep2023
08:38:00 AM MDT
APPROVED BY / DATE

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Heavy Metals

Test ID: T000255306
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.17	ND	
Cadmium	0.04 - 4.46	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 4.38	ND	

Final Approval

Sam Smith
15Sep2023
11:35:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
15Sep2023
11:42:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/0d52d51a-4eb2-4ab9-82c2-3042361261d8

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.

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