SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Solid Gold Hemp
P.O. Box 21043
Minneapolis, MN USA 55421

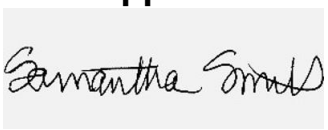
Kite Soda - Ginger Ale

Batch ID or Lot Number:	Test:	Reported:	USDA License:
D9PNCLE_27022023-BC1-2-10	**Potency**	**15Mar2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000238667	15Mar2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	15Mar2023	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.178	0.497	ND	ND	# of Servings = 1, Sample Weight=362g
Cannabichromenic Acid (CBCA)	0.163	0.454	ND	ND	
Cannabidiol (CBD)	0.479	1.345	ND	ND	
Cannabidiolic Acid (CBDA)	0.491	1.379	ND	ND	
Cannabidivarin (CBDV)	0.113	0.318	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.205	0.575	ND	ND	
Cannabigerol (CBG)	0.101	0.282	ND	ND	
Cannabigerolic Acid (CBGA)	0.423	1.179	ND	ND	
Cannabinol (CBN)	0.132	0.368	ND	ND	
Cannabinolic Acid (CBNA)	0.288	0.805	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.503	1.405	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.457	1.276	10.120	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.405	1.131	ND	ND	
Tetrahydrocannabivarin (THCV)	0.092	0.257	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.357	0.997	ND	ND	
Total Cannabinoids			**10.120**	**0.00**	
Total Potential THC			10.120	0.00	
Total Potential CBD			ND	ND	

Final Approval



Sam Smith
15Mar2023
03:01:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
15Mar2023
03:17:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/1baf0dc9-2512-4213-bd4f-ecd28199fdb8

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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Kite Soda

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 5
D9PNCLE_27022023-BC1	Various	Concentrate	
Reported:	Started:	Received:	
02Mar2023	02Mar2023	01Mar2023	

Cannabinoids

Test ID: T000237056
Methods: TM14 (HPLC-DAD)

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.011	0.033	ND	ND	
Cannabichromenic Acid (CBCA)	0.010	0.031	ND	ND	
Cannabidiol (CBD)	0.031	0.088	0.180	1.80	
Cannabidiolic Acid (CBDA)	0.031	0.090	ND	ND	
Cannabidivarin (CBDV)	0.007	0.021	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.013	0.038	ND	ND	
Cannabigerol (CBG)	0.006	0.019	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.025	0.079	ND	ND	
Cannabinol (CBN)	0.008	0.025	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.017	0.054	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.030	0.095	0.230	2.30	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.027	0.086	6.920	69.20	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.024	0.076	ND	ND	
Tetrahydrocannabivarin (THCV)	0.005	0.017	0.030	0.30	
Tetrahydrocannabivarinic Acid (THCVA)	0.021	0.067	ND	ND	
Total Cannabinoids			**7.360**	**73.60**	
Total Potential THC			6.920	69.20	
Total Potential CBD			0.180	1.80	

Final Approval

Sam Smith
02Mar2023
01:55:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
02Mar2023
01:59:00 PM MST
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02Mar2023	02Mar2023	01Mar2023	

Residual Solvents

Test ID: T000237060
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	109 - 2181	ND	
Butanes (Isobutane, n-Butane)	224 - 4472	ND	
Methanol	66 - 1321	ND	
Pentane	109 - 2188	ND	
Ethanol	107 - 2147	ND	
Acetone	109 - 2175	ND	
Isopropyl Alcohol	111 - 2223	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	111 - 2228	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	110 - 2194	ND	
Toluene	19 - 389	ND	
Xylenes (m,p,o-Xylenes)	143 - 2851	ND	

Final Approval

Karen Winternheimer
05Mar2023
01:55:00 PM MST
PREPARED BY / DATE

Sam Smith
05Mar2023
01:56:00 PM MST
APPROVED BY / DATE

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Reported:	Started:	Received:	
02Mar2023	02Mar2023	01Mar2023	

Pesticides

Test ID: T000237057
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	312 - 2676	ND	Malathion	294 - 2699	ND
Acephate	41 - 2833	ND	Metalaxyl	45 - 2737	ND
Acetamiprid	39 - 2779	ND	Methiocarb	41 - 2727	ND
Azoxystrobin	43 - 2696	ND	Methomyl	37 - 2817	ND
Bifenazate	44 - 2698	ND	MGK 264 1	155 - 1671	ND
Boscalid	41 - 2712	ND	MGK 264 2	112 - 1145	ND
Carbaryl	43 - 2709	ND	Myclobutanil	38 - 2722	ND
Carbofuran	42 - 2706	ND	Naled	42 - 2749	ND
Chlorantraniliprole	40 - 2725	ND	Oxamyl	39 - 2802	ND
Chlorpyrifos	60 - 2785	ND	Paclobutrazol	45 - 2659	ND
Clofentezine	273 - 2762	ND	Permethrin	296 - 2719	ND
Diazinon	295 - 2731	ND	Phosmet	45 - 2702	ND
Dichlorvos	279 - 2810	ND	Prophos	298 - 2758	ND
Dimethoate	40 - 2788	ND	Propoxur	40 - 2713	ND
E-Fenpyroximate	296 - 2739	ND	Pyridaben	301 - 2724	ND
Etofenprox	36 - 2711	ND	Spinosad A	33 - 2224	ND
Etoxazole	296 - 2711	ND	Spinosad D	48 - 492	ND
Fenoxycarb	40 - 2711	ND	Spiromesifen	278 - 2794	ND
Fipronil	44 - 2774	ND	Spirotetramat	279 - 2716	ND
Flonicamid	51 - 2765	ND	Spiroxamine 1	18 - 1169	ND
Fludioxonil	309 - 2726	ND	Spiroxamine 2	24 - 1530	ND
Hexythiazox	53 - 2723	ND	Tebuconazole	294 - 2694	ND
Imazalil	288 - 2728	ND	Thiacloprid	40 - 2781	ND
Imidacloprid	44 - 2783	ND	Thiamethoxam	41 - 2781	ND
Kresoxim-methyl	47 - 2754	ND	Trifloxystrobin	42 - 2714	ND

Final Approval

Samantha Smith
Sam Smith
06Mar2023
09:57:00 AM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
06Mar2023
10:05:00 AM MST
APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000237058
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
05Mar2023
12:52:00 PM MST
PREPARED BY / DATE

Brianne Maillot
07Mar2023
05:17:00 PM MST
APPROVED BY / DATE

Heavy Metals

Test ID: T000237059
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 3.91	ND	
Cadmium	0.04 - 4.16	ND	
Mercury	0.04 - 4.28	ND	
Lead	0.04 - 4.27	ND	

Final Approval

Sam Smith
06Mar2023
01:15:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
06Mar2023
01:20:00 PM MST
APPROVED BY / DATE

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Reported:	Started:	Received:	
02Mar2023	02Mar2023	01Mar2023	

https://results.botanacor.com/api/v1/coas/uuid/36699f4f-9ecb-4189-b854-c5d2e25a351e

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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