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:
D9-LQPNCLE-BC1-3	**Potency**	**09Dec2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000229664	08Dec2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	06Dec2022	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.176	0.706	ND	ND	# of Servings = 1, Sample Weight=483g
Cannabichromenic Acid (CBCA)	0.161	0.646	ND	ND	
Cannabidiol (CBD)	0.648	1.917	ND	ND	
Cannabidiolic Acid (CBDA)	0.665	1.966	ND	ND	
Cannabidivarin (CBDV)	0.153	0.453	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.277	0.820	ND	ND	
Cannabigerol (CBG)	0.100	0.401	ND	ND	
Cannabigerolic Acid (CBGA)	0.417	1.676	ND	ND	
Cannabinol (CBN)	0.130	0.523	ND	ND	
Cannabinolic Acid (CBNA)	0.285	1.144	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.497	1.997	2.600	0.00	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.452	1.814	8.210	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.400	1.607	ND	ND	
Tetrahydrocannabivarin (THCV)	0.091	0.365	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.353	1.417	ND	ND	
Total Cannabinoids			**10.810**	**0.00**	
Total Potential THC			8.210	0.00	
Total Potential CBD			ND	ND	

Final Approval

Sam Smith
09Dec2022
11:17:00 AM MST

PREPARED BY / DATE

Karen Winternheimer
09Dec2022
11:19:00 AM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3d1bf698-3a8b-4fea-ad5a-cd2b30a97052

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

KITE SODA

Batch ID or Lot Number:	Test:	Reported:	USDA License:
D9-LQPNCLE-BC1	**Potency**	**26Aug2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000218968	25Aug2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	23Aug2022	N/A

Cannabinoids

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.040	0.113	ND	ND	
Cannabichromenic Acid (CBCA)	0.036	0.103	ND	ND	
Cannabidiol (CBD)	0.083	0.293	ND	ND	
Cannabidiolic Acid (CBDA)	0.085	0.301	ND	ND	
Cannabidivarin (CBDV)	0.020	0.069	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.035	0.125	ND	ND	
Cannabigerol (CBG)	0.023	0.064	ND	ND	
Cannabigerolic Acid (CBGA)	0.095	0.268	ND	ND	
Cannabinol (CBN)	0.029	0.084	0.040	0.40	
Cannabinolic Acid (CBNA)	0.064	0.183	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.113	0.319	1.420	14.20	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.102	0.290	4.700	47.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.091	0.257	ND	ND	
Tetrahydrocannabivarin (THCV)	0.021	0.058	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.080	0.226	ND	ND	
Total Cannabinoids			**6.160**	**61.60**	
Total Potential THC			4.700	47.00	
Total Potential CBD			ND	ND	

Final Approval

Jacob Miller
26Aug2022
03:19:00 PM MDT
PREPARED BY / DATE

Sam Smith
26Aug2022
03:26:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3035815d-de29-4e3f-91b9-9474e0398e54

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:	Reported:	USDA License:
D9-LQPNCLE-BC1	**Heavy Metals**	**26Aug2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000218971	25Aug2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	23Aug2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.42	ND	
Cadmium	0.05 - 4.75	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.05 - 4.71	ND	

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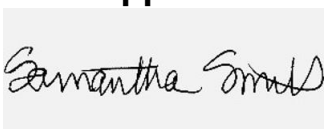

Sam Smith
26Aug2022
11:47:00 AM MDT
PREPARED BY / DATE

Courtney Richards
26Aug2022
02:28:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/38dc1bd3-1aea-4dd4-8fde-104c9d50a62b

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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KITE SODA

Batch ID or Lot Number:	Test:	Reported:	USDA License:
D9-LQPNCLE-BC1	**Residual Solvents**	**29Aug2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000218972	29Aug2022	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	23Aug2022	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	89 - 1783	ND	
Butanes (Isobutane, n-Butane)	189 - 3783	ND	
Methanol	60 - 1196	ND	
Pentane	99 - 1976	ND	
Ethanol	93 - 1868	ND	
Acetone	98 - 1956	ND	
Isopropyl Alcohol	100 - 2001	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	100 - 1995	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	101 - 2013	ND	
Toluene	18 - 354	ND	
Xylenes (m,p,o-Xylenes)	131 - 2615	ND	

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Daniel Weidensaul
30Aug2022
06:19:00 PM MDT

PREPARED BY / DATE

Jacob Miller
30Aug2022
06:20:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/9827ca7e-2736-4ecf-8f45-3977a52abdd1

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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KITE SODA

Batch ID or Lot Number:	Test:	Reported:	USDA License:
D9-LQPNCLE-BC1	**Pesticides**	**29Aug2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000218969	25Aug2022	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	23Aug2022	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	326 - 2612	ND
Acephate	52 - 2697	ND
Acetamiprid	44 - 2694	ND
Azoxystrobin	38 - 2757	ND
Bifenazate	48 - 2758	ND
Boscalid	57 - 2681	ND
Carbaryl	44 - 2755	ND
Carbofuran	40 - 2758	ND
Chlorantraniliprole	55 - 2676	ND
Chlorpyrifos	46 - 2802	ND
Clofentezine	276 - 2832	ND
Diazinon	289 - 2832	ND
Dichlorvos	308 - 2682	ND
Dimethoate	47 - 2672	ND
E-Fenpyroximate	300 - 2780	ND
Etofenprox	49 - 2713	ND
Etoxazole	295 - 2780	ND
Fenoxycarb	42 - 2814	ND
Fipronil	2 - 2763	ND
Flonicamid	46 - 2720	ND
Fludioxonil	341 - 2606	ND
Hexythiazox	48 - 2764	ND
Imazalil	297 - 2797	ND
Imidacloprid	46 - 2646	ND
Kresoxim-methyl	52 - 2807	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	278 - 2825	ND
Metalaxyl	38 - 2779	ND
Methiocarb	48 - 2694	ND
Methomyl	50 - 2686	ND
MGK 264 1	139 - 1646	ND
MGK 264 2	116 - 1153	ND
Myclobutanil	51 - 2644	ND
Naled	51 - 2682	ND
Oxamyl	45 - 2670	ND
Paclobutrazol	40 - 2792	ND
Permethrin	330 - 2715	ND
Phosmet	40 - 2848	ND
Prophos	314 - 2690	ND
Propoxur	41 - 2754	ND
Pyridaben	290 - 2793	ND
Spinosad A	35 - 2268	ND
Spinosad D	62 - 488	ND
Spiromesifen	307 - 2754	ND
Spirotetramat	333 - 2721	ND
Spiroxamine 1	24 - 1156	ND
Spiroxamine 2	32 - 1528	ND
Tebuconazole	271 - 2876	ND
Thiacloprid	39 - 2704	ND
Thiamethoxam	43 - 2740	ND
Trifloxystrobin	38 - 2805	ND

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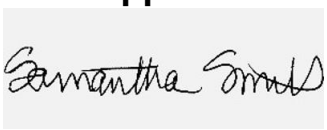

Sam Smith
29Aug2022
05:25:00 PM MDT

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Daniel Weidensaul
29Aug2022
05:28:00 PM MDT

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https://results.botanacor.com/api/v1/coas/uuid/730d5bc8-2d3d-4fb2-97e7-6d372774b073

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

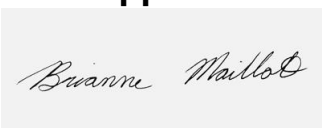
KITE SODA

Batch ID or Lot Number:	Test:	Reported:	USDA License:
D9-LQPNCLE-BC1	**Microbial Contaminants**	**28Aug2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000218970	24Aug2022	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 23Aug2022	Status: NA

Microbial Contaminants

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/g	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



Brianne Maillot
27Aug2022
03:10:00 PM MDT
PREPARED BY / DATE

Brett Hudson
28Aug2022
02:54:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/b2fac159-50da-4ef9-a257-3b4b7de8e9be

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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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