

Prepared for:

**Solid Gold Hemp**

P.O. Box 21043


Minneapolis, MN USA 55421

**Kite Soda - Ginger Ale**

Batch ID or Lot Number: <b>310523GA</b>	Test: <b>Potency</b>	Reported: <b>01Jun2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000245386	Started: 01Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 31May2023	Status: N/A

**Cannabinoids**

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.168	0.540	ND	ND	# of Servings = 1, Sample Weight=374g
Cannabichromenic Acid (CBCA)	0.154	0.494	ND	ND	
Cannabidiol (CBD)	0.711	1.697	ND	ND	
Cannabidiolic Acid (CBDA)	0.729	1.741	ND	ND	
Cannabidivarin (CBDV)	0.168	0.401	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.304	0.726	ND	ND	
Cannabigerol (CBG)	0.096	0.307	ND	ND	
Cannabigerolic Acid (CBGA)	0.400	1.282	ND	ND	
Cannabinol (CBN)	0.125	0.400	ND	ND	
Cannabinolic Acid (CBNA)	0.273	0.875	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.476	1.527	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.432	1.387	10.170	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.383	1.229	ND	ND	
Tetrahydrocannabivarin (THCV)	0.087	0.279	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.338	1.084	ND	ND	
<b>Total Cannabinoids</b>			<b>10.170</b>	<b>0.00</b>	
Total Potential THC			10.170	0.00	
Total Potential CBD			ND	ND	

**Final Approval**Sam Smith  
01Jun2023  
03:22:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer  
01Jun2023  
03:25:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/2d877e17-628d-4e4c-9ca3-4d73c5a7d8a3>**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)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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Minneapolis, MN USA 55421


## Kite Soda - Ginger Ale

Batch ID or Lot Number: <b>310523GA</b>	Test: <b>Heavy Metals</b>	Reported: <b>07Jun2023</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000245795	Started: 06Jun2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 05Jun2023	Status: NA

## Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.04	ND	
Cadmium	0.05 - 5.01	ND	
Mercury	0.05 - 4.88	ND	
Lead	0.05 - 5.05	ND	

## Final Approval



Sam Smith  
07Jun2023  
11:54:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer  
07Jun2023  
12:02:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d4b25b96-028c-449f-9973-753e62a3a22a>

### 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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Minneapolis, MN USA 55421

## Kite Soda - Ginger Ale


Batch ID or Lot Number: <b>310523GA</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>09Jun2023</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000245794	Started: 06Jun2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 05Jun2023	Status: NA

## Microbial

### Contaminants

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Brianne Maillot  
09Jun2023  
01:39:00 PM MDT

PREPARED BY / DATE



Eden Thompson-Wright  
09Jun2023  
02:37:00 PM MDT

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### 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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## Kite Soda - Ginger Ale

Batch ID or Lot Number: <b>310523GA</b>	Test: <b>Residual Solvents</b>	Reported: <b>09Jun2023</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000245796	Started: 08Jun2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 05Jun2023	Status: Active

## Residual Solvents

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	110 - 2198	ND	
Butanes (Isobutane, n-Butane)	201 - 4010	ND	
Methanol	59 - 1175	ND	
Pentane	90 - 1790	ND	
Ethanol	102 - 2038	767	
Acetone	95 - 1891	ND	
Isopropyl Alcohol	103 - 2066	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	95 - 1905	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	98 - 1950	ND	
Toluene	18 - 351	ND	
Xylenes (m,p,o-Xylenes)	135 - 2692	ND	

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Sam Smith  
09Jun2023  
08:26:00 AM MDT

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Karen Winternheimer  
09Jun2023  
08:30:00 AM MDT

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### Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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## Kite Soda - Ginger Ale


Batch ID or Lot Number: <b>310523GA</b>	Test: <b>Pesticides</b>	Reported: <b>09Jun2023</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000245793	Started: 08Jun2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 05Jun2023	Status: NA

### Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	331 - 2619	ND
Acephate	40 - 2714	ND
Acetamiprid	40 - 2702	ND
Azoxystrobin	46 - 2711	ND
Bifenazate	42 - 2692	ND
Boscalid	41 - 2623	ND
Carbaryl	39 - 2708	ND
Carbofuran	42 - 2712	ND
Chlorantraniliprole	42 - 2644	ND
Chlorpyrifos	44 - 2683	ND
Clofentezine	279 - 2741	ND
Diazinon	282 - 2710	ND
Dichlorvos	268 - 2731	ND
Dimethoate	42 - 2690	ND
E-Fenpyroximate	281 - 2706	ND
Etofenprox	42 - 2618	ND
Etoxazole	291 - 2665	ND
Fenoxycarb	31 - 2764	ND
Fipronil	45 - 2634	ND
Flonicamid	55 - 2716	ND
Fludioxonil	273 - 2638	ND
Hexythiazox	35 - 2731	ND
Imazalil	280 - 2760	ND
Imidacloprid	36 - 2711	ND
Kresoxim-methyl	46 - 2763	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2712	ND
Metalaxyl	42 - 2714	ND
Methiocarb	42 - 2645	ND
Methomyl	41 - 2736	ND
MGK 264 1	174 - 1684	ND
MGK 264 2	107 - 1086	ND
Myclobutanil	47 - 2661	ND
Naled	40 - 2731	ND
Oxamyl	41 - 2722	ND
Paclobutrazol	41 - 2712	ND
Permethrin	308 - 2721	ND
Phosmet	47 - 2707	ND
Prophos	294 - 2641	ND
Propoxur	42 - 2703	ND
Pyridaben	288 - 2659	ND
Spinosad A	30 - 2082	ND
Spinosad D	62 - 654	ND
Spiromesifen	252 - 2670	ND
Spirotetramat	270 - 2756	ND
Spiroxamine 1	18 - 1158	ND
Spiroxamine 2	22 - 1479	ND
Tebuconazole	265 - 2723	ND
Thiacloprid	42 - 2694	ND
Thiamethoxam	41 - 2745	ND
Trifloxystrobin	44 - 2702	ND

### Final Approval



Sam Smith  
09Jun2023  
01:23:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer  
09Jun2023  
01:29:00 PM MDT

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#### Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

ppb = Parts Per Billion

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