

Prepared for:  
**Solid Gold Hemp**

P.O. Box 21043  
Minneapolis, MN USA 55421

## Kite Soda - Citrus

Batch ID or Lot Number: <b>231004CT10</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: <b>07Nov2023</b>	Started: 07Nov2023	Received: 07Nov2023	


## Cannabinoids


Test ID: T000261216

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.144	0.531	ND	ND	# of Servings = 1, Sample Weight=374g
Cannabichromenic Acid (CBCA)	0.131	0.486	ND	ND	
Cannabidiol (CBD)	0.559	1.389	ND	ND	
Cannabidiolic Acid (CBDA)	0.573	1.424	ND	ND	
Cannabidivarin (CBDV)	0.132	0.328	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.239	0.594	ND	ND	
Cannabigerol (CBG)	0.082	0.301	ND	ND	
Cannabigerolic Acid (CBGA)	0.341	1.260	ND	ND	
Cannabinol (CBN)	0.106	0.393	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.233	0.860	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.406	1.501	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.369	1.363	9.920	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.327	1.208	ND	ND	
Tetrahydrocannabivarin (THCV)	0.074	0.274	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.288	1.065	ND	ND	
<b>Total Cannabinoids</b>			<b>9.920</b>	<b>0.00</b>	
Total Potential THC			9.920	0.00	
Total Potential CBD			ND	ND	

## Final Approval

  
 Karen Winternheimer  
 07Nov2023  
 01:45:00 PM MST  
 PREPARED BY / DATE

  
 Sam Smith  
 07Nov2023  
 01:47:00 PM MST  
 APPROVED BY / DATE

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## Pesticides


Test ID: T000261325

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	331 - 2667	ND	Malathion	286 - 2685	ND
Acephate	40 - 2783	ND	Metalaxyl	43 - 2718	ND
Acetamiprid	42 - 2733	ND	Methiocarb	45 - 2694	ND
Azoxystrobin	45 - 2699	ND	Methomyl	41 - 2768	ND
Bifenazate	42 - 2750	ND	MGK 264 1	166 - 1591	ND
Boscalid	40 - 2737	ND	MGK 264 2	104 - 1084	ND
Carbaryl	39 - 2640	ND	Myclobutanil	54 - 2688	ND
Carbofuran	44 - 2678	ND	Naled	44 - 2649	ND
Chlorantraniliprole	43 - 2698	ND	Oxamyl	41 - 2793	ND
Chlorpyrifos	43 - 2706	ND	Paclobutrazol	43 - 2664	ND
Clofentezine	288 - 2730	ND	Permethrin	284 - 2791	ND
Diazinon	284 - 2678	ND	Phosmet	41 - 2577	ND
Dichlorvos	290 - 2795	ND	Prophos	301 - 2715	ND
Dimethoate	43 - 2719	ND	Propoxur	42 - 2685	ND
E-Fenpyroximate	284 - 2746	ND	Pyridaben	289 - 2780	ND
Etofenprox	47 - 2720	ND	Spinosad A	31 - 2077	ND
Etoxazole	288 - 2626	ND	Spinosad D	64 - 671	ND
Fenoxycarb	46 - 2652	ND	Spiromesifen	278 - 2762	ND
Fipronil	49 - 2780	ND	Spirotetramat	277 - 2736	ND
Flonicamid	46 - 2805	ND	Spiroxamine 1	16 - 1010	ND
Fludioxonil	301 - 2732	ND	Spiroxamine 2	26 - 1601	ND
Hexythiazox	43 - 2781	ND	Tebuconazole	288 - 2801	ND
Imazalil	267 - 2711	ND	Thiacloprid	44 - 2769	ND
Imidacloprid	50 - 2788	ND	Thiamethoxam	43 - 2808	ND
Kresoxim-methyl	49 - 2705	ND	Trifloxystrobin	44 - 2705	ND

## Final Approval

  
 Karen Winternheimer  
 10Nov2023  
 09:29:00 AM MST  
 PREPARED BY / DATE

  
 Sam Smith  
 10Nov2023  
 09:32:00 AM MST  
 APPROVED BY / DATE

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## Residual Solvents


Test ID: T000261328

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	106 - 2121	ND	
Butanes (Isobutane, n-Butane)	198 - 3952	ND	
Methanol	67 - 1336	ND	
Pentane	105 - 2094	ND	
Ethanol	110 - 2196	1690	
Acetone	106 - 2121	ND	
Isopropyl Alcohol	112 - 2249	ND	
Hexane	6 - 130	ND	
Ethyl Acetate	109 - 2185	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	105 - 2094	ND	
Toluene	19 - 384	ND	
Xylenes (m,p,o-Xylenes)	140 - 2799	ND	

## Final Approval

  
 Karen Winternheimer  
 12Nov2023  
 10:48:00 AM MST  
 PREPARED BY / DATE

  
 Sam Smith  
 12Nov2023  
 10:59:00 AM MST  
 APPROVED BY / DATE

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## Microbial Contaminants

Test ID: T000261326


Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	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



Brett Hudson  
12Nov2023  
01:03:00 PM MST



Eden Thompson-Wright  
13Nov2023  
09:22:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

## Heavy Metals

Test ID: T000261327

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.65	ND	
Cadmium	0.05 - 5.03	ND	
Mercury	0.05 - 4.80	ND	
Lead	0.05 - 4.66	ND	

### Final Approval



Sam Smith  
17Nov2023  
07:29:00 AM MST



Karen Winternheimer  
17Nov2023  
07:31:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/d68ed1a1-f71e-417b-9656-e130a1bfc76a>

### 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  $\times$  (0.877)) and Total CBD = CBD + (CBDa  $\times$  (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  $\times$  (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.

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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