

Prepared for:

**KYOTO BOTANICALS**3868 STAGECOACH RD N UNIT H  
LONGMONT, CO USA 80504**(re)CHARGE SPORTS STICK**Batch ID or Lot Number:  
**22094031**Test, Test ID and Methods:  
VariousMatrix:  
Topical

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Reported:  
**08Apr2022**Started:  
08Apr2022Received:  
06Apr2022**Residual Solvents -  
Colorado Compliance**

Test ID: T000201607

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	102 - 2034	ND	
Butanes (Isobutane, n-Butane)	201 - 4017	ND	
Methanol	65 - 1295	ND	
Pentane	105 - 2091	ND	
Ethanol	93 - 1855	ND	
Acetone	107 - 2142	ND	
Isopropyl Alcohol	102 - 2037	ND	
Hexane	7 - 137	ND	
Ethyl Acetate	106 - 2117	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	107 - 2131	ND	
Toluene	18 - 361	ND	
Xylenes (m,p,o-Xylenes)	125 - 2492	ND	

**Final Approval**Karen Winternheimer  
08Apr2022  
04:05:00 PM MDT

PREPARED BY / DATE



APPROVED BY / DATE

Ryan Weems  
08Apr2022  
04:08:00 PM MDT

Prepared for:

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Batch ID or Lot Number: <b>22094031</b>	Test, Test ID and Methods: Various	Matrix: Topical	Page 2 of 5
Reported: <b>08Apr2022</b>	Started: 08Apr2022	Received: 06Apr2022	

**Pesticides**

Test ID: T000201604

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	345 - 2744	ND		Malathion	278 - 2687 ND
Acephate	48 - 2772	ND		Metalaxyl	39 - 2698 ND
Acetamiprid	39 - 2713	ND		Methiocarb	43 - 2716 ND
Azoxystrobin	43 - 2675	ND		Methomyl	40 - 2754 ND
Bifenazate	46 - 2717	ND		MGK 264 1	178 - 1614 ND
Boscalid	56 - 2752	ND		MGK 264 2	120 - 1129 ND
Carbaryl	42 - 2703	ND		Myclobutanil	43 - 2730 ND
Carbofuran	41 - 2720	ND		Naled	54 - 2742 ND
Chlorantraniliprole	49 - 2717	ND		Oxamyl	38 - 2740 ND
Chlorpyrifos	34 - 2721	ND		Paclobutrazol	39 - 2702 ND
Clofentezine	271 - 2729	ND		Permethrin	243 - 2804 ND
Diazinon	276 - 2727	ND		Phosmet	40 - 2713 ND
Dichlorvos	297 - 2706	ND		Prophos	283 - 2721 ND
Dimethoate	39 - 2702	ND		Propoxur	42 - 2727 ND
E-Fenpyroximate	282 - 2797	ND		Pyridaben	278 - 2756 ND
Etofenprox	41 - 2749	ND		Spinosad A	33 - 2249 ND
Etoxazole	282 - 2752	ND		Spinosad D	47 - 508 ND
Fenoxycarb	43 - 2697	ND		Spiromesifen	251 - 2796 ND
Fipronil	42 - 2700	ND		Spirotetramat	295 - 2643 ND
Flonicamid	40 - 2721	ND		Spiroxamine 1	18 - 1164 ND
Fludioxonil	295 - 2748	ND		Spiroxamine 2	22 - 1544 ND
Hexythiazox	47 - 2798	ND		Tebuconazole	275 - 2718 ND
Imazalil	267 - 2740	ND		Thiacloprid	39 - 2727 ND
Imidacloprid	44 - 2763	ND		Thiamethoxam	43 - 2755 ND
Kresoxim-methyl	51 - 2685	ND		Trifloxystrobin	41 - 2736 ND

**Final Approval**Karen Winterheimer  
08Apr2022  
03:54:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul  
08Apr2022  
04:32:00 PM MDT

APPROVED BY / DATE

Prepared for:

**KYOTO BOTANICALS**3868 STAGECOACH RD N UNIT H  
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**Microbial  
Contaminants -  
Colorado Compliance**

Test ID: T000201605

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	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
Salmonella	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  
09Apr2022  
04:01:00 PM MDTBrett Hudson  
11Apr2022  
02:11:00 PM MDT

PREPARED BY / DATE

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**Mycotoxins - Colorado  
Compliance**

Test ID: T000201608

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.08 - 136.17	ND	N/A
Aflatoxin B1	1.13 - 34.95	ND	
Aflatoxin B2	1.20 - 34.53	ND	
Aflatoxin G1	1.10 - 34.53	ND	
Aflatoxin G2	1.20 - 33.52	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

**Final Approval**Hannah Wright  
11Apr2022  
11:54:00 AM MDTRyan Weems  
11Apr2022  
11:59:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:  
**KYOTO BOTANICALS**  
 3868 STAGECOACH RD N UNIT H  
 LONGMONT, CO USA 80504

## (re)CHARGE SPORTS STICK


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## Cannabinoids - Colorado Compliance

Test ID: T000201603  
 Methods: TM14 (HPLC-DAD): Potency – Standard  
 Cannabinoid Analysis

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.863	6.413	17.728	0.59	# of Servings = 1 Sample Weight=30g
Cannabichromenic Acid (CBCA)	1.704	5.866	ND	ND	
Cannabidiol (CBD)	4.919	16.044	443.863	14.80	
Cannabidiolic Acid (CBDA)	5.045	16.455	ND	ND	
Cannabidivarin (CBDV)	1.163	3.794	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.105	6.864	ND	ND	
Cannabigerol (CBG)	1.057	3.641	ND	ND	
Cannabigerolic Acid (CBGA)	4.421	15.222	ND	ND	
Cannabinol (CBN)	1.380	4.750	7.317	0.24	
Cannabinolic Acid (CBNA)	3.016	10.385	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.267	18.134	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.783	16.469	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.238	14.592	ND	ND	
Tetrahydrocannabivarin (THCV)	0.962	3.312	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.738	12.871	ND	ND	
<b>Total Cannabinoids</b>			<b>468.908</b>	<b>15.63</b>	
Total Potential THC			ND	ND	
Total Potential CBD			443.863	14.80	

### Final Approval

  
 Hannah Wright  
 11Apr2022  
 04:55:00 PM MDT  
 PREPARED BY / DATE


  
 Ryan Weems  
 11Apr2022  
 05:02:00 PM MDT  
 APPROVED BY / DATE


## Heavy Metals - Colorado Compliance

Test ID: T000201606  
 Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.37	ND	
Cadmium	0.04 - 4.27	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.39	ND	

### Final Approval

  
 Ryan Weems  
 11Apr2022  
 05:28:00 PM MDT  
 PREPARED BY / DATE

  
 Daniel Weidensaul  
 11Apr2022  
 05:30:00 PM MDT  
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/f414dfc8-6cf2-4203-9698-b20db0abc0c6>**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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/ IEC 17025:2005 Accredited A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02

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