

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

Sports Gel 1000 Lot B3047


Batch ID or Lot Number: Sports Gel 1000 Lot B3047	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 31Jul2023	Started: 28Jul2023	Received: 28Jul2023	


Microbial Contaminants - Colorado Compliance

Test ID: T000250481
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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


Brianne Maillot
31Jul2023
12:13:00 PM MDT
PREPARED BY / DATE



Eden Thompson-Wright
31Jul2023
01:32:00 PM MDT
APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000250482
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.04 - 4.44	ND	

Final Approval


Sam Smith
31Jul2023
12:41:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
31Jul2023
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Mycotoxins - Colorado Compliance


Test ID: T000250484


Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.62 - 134.16	ND	N/A
Aflatoxin B1	1.03 - 33.94	ND	
Aflatoxin B2	0.96 - 34.17	ND	
Aflatoxin G1	1.10 - 33.91	ND	
Aflatoxin G2	1.13 - 34.37	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


 Sam Smith
 02Aug2023
 07:17:00 AM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 02Aug2023
 07:20:00 AM MDT
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Residual Solvents - Colorado Compliance


Test ID: T000250483

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	100 - 2005	ND	
Butanes (Isobutane, n-Butane)	197 - 3936	ND	
Methanol	61 - 1220	ND	
Pentane	99 - 1983	ND	
Ethanol	98 - 1957	ND	
Acetone	100 - 1997	ND	
Isopropyl Alcohol	101 - 2026	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	99 - 1986	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	100 - 2003	ND	
Toluene	18 - 360	ND	
Xylenes (m,p,o-Xylenes)	132 - 2632	ND	

Final Approval


Karen Winternheimer
02Aug2023
03:28:00 PM MDT
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Sam Smith
02Aug2023
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Pesticides


Test ID: T000250480

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	405 - 2594	ND		Malathion	303 - 2745	ND
Acephate	38 - 2739	ND		Metalaxyl	43 - 2698	ND
Acetamiprid	41 - 2701	ND		Methiocarb	40 - 2731	ND
Azoxystrobin	46 - 2690	ND		Methomyl	39 - 2736	ND
Bifenazate	42 - 2685	ND		MGK 264 1	185 - 1690	ND
Boscalid	42 - 2763	ND		MGK 264 2	112 - 1093	ND
Carbaryl	38 - 2710	ND		Myclobutanil	30 - 2725	ND
Carbofuran	44 - 2694	ND		Naled	41 - 2674	ND
Chlorantraniliprole	39 - 2719	ND		Oxamyl	40 - 2747	ND
Chlorpyrifos	41 - 2733	ND		Paclobutrazol	43 - 2700	ND
Clofentezine	294 - 2738	ND		Permethrin	307 - 2723	ND
Diazinon	301 - 2710	ND		Phosmet	43 - 2685	ND
Dichlorvos	279 - 2725	ND		Prophos	317 - 2737	ND
Dimethoate	43 - 2691	ND		Propoxur	42 - 2716	ND
E-Fenpyroximate	308 - 2765	ND		Pyridaben	313 - 2703	ND
Etofenprox	43 - 2718	ND		Spinosad A	30 - 2095	ND
Etoxazole	318 - 2725	ND		Spinosad D	72 - 666	ND
Fenoxycarb	42 - 2714	ND		Spiromesifen	302 - 2737	ND
Fipronil	51 - 2692	ND		Spirotetramat	327 - 2733	ND
Flonicamid	43 - 2744	ND		Spiroxamine 1	17 - 1242	ND
Fludioxonil	320 - 2720	ND		Spiroxamine 2	21 - 1511	ND
Hexythiazox	43 - 2750	ND		Tebuconazole	318 - 2716	ND
Imazalil	296 - 2740	ND		Thiacloprid	40 - 2696	ND
Imidacloprid	42 - 2739	ND		Thiamethoxam	39 - 2740	ND
Kresoxim-methyl	44 - 2723	ND		Trifloxystrobin	42 - 2699	ND

Final Approval


Karen Winternheimer
03Aug2023
01:15:00 PM MDT
PREPARED BY / DATE


Sam Smith
03Aug2023
01:18:00 PM MDT
APPROVED BY / DATE

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Cannabinoids - Colorado Compliance


Test ID: T000250479

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	4.784	15.481	<LOQ	<LOQ	Amendment to T000250479 issued 01Aug2023 to correct laboratory reporting error. # of Servings = 1 Sample Weight=96.38g
Cannabichromenic Acid (CBCA)	4.375	14.160	ND	ND	
Cannabidiol (CBD)	14.473	40.783	1158.969	12.02	
Cannabidiolic Acid (CBDA)	14.844	41.829	ND	ND	
Cannabidivarin (CBDV)	3.423	9.646	ND	ND	
Cannabidivarinic Acid (CBDVA)	6.192	17.449	ND	ND	
Cannabigerol (CBG)	2.716	8.790	41.929	0.44	
Cannabigerolic Acid (CBGA)	11.354	36.745	ND	ND	
Cannabinol (CBN)	3.543	11.467	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	7.746	25.070	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	13.527	43.776	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	12.285	39.757	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	10.884	35.224	ND	ND	
Tetrahydrocannabivarin (THCV)	2.470	7.995	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	9.600	31.069	ND	ND	
Total Cannabinoids			1200.898	12.46	
Total Potential THC			ND	ND	
Total Potential CBD			1158.969	12.02	

Final Approval


Samantha Smith
07Aug2023
10:29:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
07Aug2023
10:36:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f9d3fcfb-4fa2-473d-a26a-9a5c3a0f295e>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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 Accredited by A2LA. 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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