

Prepared for:

Elixinol LLC

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

FGR-136 - PO-0048- Lot 23091301-01

Batch ID or Lot Number: 23091301-01	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported:	Started:	Received:	
30Oct2023	26Oct2023	26Oct2023	

Microbial Contaminants -Colorado Compliance

Test ID: T000259826

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial			Quantitation		
(Colorado Panel)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	— Toreign matter
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

Rest asher

Brett Hudson 29Oct2023 01:44:00 PM MDT

Eden Thompson 300ct2023 09:40:00 AM

Eden Thompson-Wright 30Oct2023 09:40:00 AM MDT

PREPARED BY / DATE



Prepared for:

Elixinol LLC

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

FGR-136 - PO-0048- Lot 23091301-01

Batch ID or Lot Number: 23091301-01	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 5
Reported:	Started:	Received:	
30Oct2023	26Oct2023	26Oct2023	

Residual Solvents -Colorado Compliance

Test ID: T000259828

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1966	ND	
Butanes (Isobutane, n-Butane)	193 - 3865	ND	
Methanol	65 - 1307	ND	
Pentane	101 - 2010	ND	
Ethanol	104 - 2086	409	
Acetone	104 - 2082	ND	
Isopropyl Alcohol	113 - 2269	335	
Hexane	6 - 128	ND	
Ethyl Acetate	107 - 2138	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	103 - 2057	ND	
Toluene	19 - 382	ND	
Xylenes (m,p,o-Xylenes)	140 - 2798	ND	-

Final Approval

PREPARED BY / DATE

MENHUMA 09:08:00 AM MDT

Karen Winternheimer 31Oct2023

Samantha Smot 310ct2023 09:10:00 AM MDT

Sam Smith



Prepared for:

Elixinol LLC

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

FGR-136 - PO-0048- Lot 23091301-01

Batch ID or Lot Number: 23091301-01	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 5
Reported:	Started:	Received:	
30Oct2023	26Oct2023	26Oct2023	

Pesticides

Test ID: T000259825 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	280 - 2633	ND	
Acephate	44 - 2726	ND	
Acetamiprid	42 - 2696	ND	
Azoxystrobin	44 - 2725	ND	
Bifenazate	45 - 2683	ND	
Boscalid	41 - 2756	ND	
Carbaryl	42 - 2678	ND	
Carbofuran	43 - 2680	ND	
Chlorantraniliprole	41 - 2731	ND	
Chlorpyrifos	37 - 2750	ND	
Clofentezine	281 - 2720	ND	
Diazinon	278 - 2696	ND	
Dichlorvos	273 - 2730	ND	
Dimethoate	45 - 2746	ND	
E-Fenpyroximate	291 - 2780	ND	
Etofenprox	43 - 2749	ND	
Etoxazole	289 - 2678	ND	
Fenoxycarb	46 - 2662	ND	
Fipronil	48 - 2776	ND	
Flonicamid	46 - 2769	ND	
Fludioxonil	282 - 2702	ND	
Hexythiazox	39 - 2771	ND	
Imazalil	252 - 2769	ND	
Imidacloprid	47 - 2780	ND	
Kresoxim-methyl	43 - 2742	ND	

	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2694	ND
Metalaxyl	45 - 2716	ND
Methiocarb	42 - 2738	ND
Methomyl	44 - 2787	ND
MGK 264 1	167 - 1596	ND
MGK 264 2	113 - 1076	ND
Myclobutanil	82 - 2696	ND
Naled	46 - 2599	ND
Oxamyl	42 - 2797	ND
Paclobutrazol	45 - 2666	ND
Permethrin	288 - 2753	ND
Phosmet	45 - 2590	ND
Prophos	287 - 2730	ND
Propoxur	45 - 2688	ND
Pyridaben	293 - 2762	ND
Spinosad A	32 - 2094	ND
Spinosad D	66 - 682	ND
Spiromesifen	270 - 2752	ND
Spirotetramat	274 - 2726	ND
Spiroxamine 1	16 - 1042	ND
Spiroxamine 2	25 - 1597	ND
Tebuconazole	284 - 2713	ND
Thiacloprid	46 - 2759	ND
Thiamethoxam	45 - 2797	ND
Trifloxystrobin	46 - 2702	ND

Final Approval

PREPARED BY / DATE

Karen Winternheimer 31Oct2023 Witersheumer 11:00:00 AM MDT

Samantha Smul 310ct2023 11:02:00 AM MDT

Sam Smith



Prepared for:

Elixinol LLC

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

FGR-136 - PO-0048- Lot 23091301-01

Batch ID or Lot Number: 23091301-01	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 5
Reported:	Started:	Received:	
30Oct2023	26Oct2023	26Oct2023	

Cannabinoids - Colorado Compliance

Test ID: T000259824

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.023	0.084	0.490	0.59	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.021	0.077	ND	ND	Sample
Cannabidiol (CBD)	0.088	0.230	16.288	19.75	Weight=0.825g
Cannabidiolic Acid (CBDA)	0.090	0.236	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidivarin (CBDV)	0.021	0.054	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidivarinic Acid (CBDVA)	0.038	0.098	ND	ND	
Cannabigerol (CBG)	0.013	0.048	ND	ND	
Cannabigerolic Acid (CBGA)	0.056	0.200	ND	ND	
Cannabinol (CBN)	0.017	0.062	0.338	0.41	
Cannabinolic Acid (CBNA)	0.038	0.136	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.066	0.238	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.060	0.216	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.053	0.191	ND	ND	
Tetrahydrocannabivarin (THCV)	0.012	0.043	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.047	0.169	ND	ND	
Total Cannabinoids			17.116	20.75	•
Total Potential THC			ND	ND	
Total Potential CBD			16.288	19.75	

Final Approval

Winternheimer 11:27:00 AM MDT PREPARED BY / DATE

Karen Winternheimer 31Oct2023

Sawantha Small 310ct2023 11:30:00 AM MDT

Sam Smith

APPROVED BY / DATE

Heavy Metals -Colorado Compliance

Test ID: T000259827

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	No
Arsenic	0.05 - 4.53	ND	
Cadmium	0.04 - 4.49	ND	
Mercury	0.05 - 4.67	ND	_
Lead	0.05 - 4.66	ND	_

Final Approval

Samantha Smod

PREPARED BY / DATE

Sam Smith 31Oct2023 12:59:00 PM MDT

Karen Winternheimer 31Oct2023 Withhelme 01:03:00 PM MDT



Notes N/A

Prepared for:

Elixinol LLC

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

FGR-136 - PO-0048- Lot 23091301-01

Batch ID or Lot Number: 23091301-01	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 5
Reported:	Started:	Received:	
30Oct2023	26Oct2023	26Oct2023	

Mycotoxins - Colorado Compliance

Test ID: T000259829

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	
Ochratoxin A	2.17 - 135.87	ND	
Aflatoxin B1	0.95 - 35.60	ND	
Aflatoxin B2	2.34 - 35.26	ND	
Aflatoxin G1	1.02 - 35.32	ND	
Aflatoxin G2	1.22 - 35.43	ND	
Total Aflatoxins (B1, B2, G1, ar	nd G2)	ND	

Final Approval

Garrantha Grand

Sam Smith 08Nov2023 10:06:00 AM MST

PREPARED BY / DATE

L Winternheimer

Karen Winternheimer 08Nov2023 10:19:00 AM MST

APPROVED BY / DATE



https://results.botanacor.com/api/v1/coas/uuid/195d5dc5-4159-47c1-a4c3-142fb2b7690d

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: 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.





195d5dc5415947c1a4c3142fb2b7690d.1