

CERTIFICATE OF ANALYSIS

Prepared for:

Good Ol' Boys, LLC

1140 Coral Burst Court
Loveland, CO USA 80538


1,500mg Orange Pomegranate Tincture

Batch ID or Lot Number: 230822B	Test: Potency	Reported: 13Oct2023	USDA License: N/A
Matrix: Unit	Test ID: T000252656	Started: 16Aug2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 14Aug2023	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.738	6.192	95.492	3.18	Amendment to T000252656 issued 10Oct2023 to update the sample name. # of Servings = 1 Sample Weight=30g
Cannabichromenic Acid (CBCA)	2.504	5.663	ND	ND	
Cannabidiol (CBD)	7.366	16.203	1326.566	44.22	
Cannabidiolic Acid (CBDA)	7.555	16.619	ND	ND	
Cannabidivarin (CBDV)	1.742	3.832	9.005	0.30	
Cannabidivarinic Acid (CBDVA)	3.151	6.933	ND	ND	
Cannabigerol (CBG)	1.555	3.515	70.471	2.35	
Cannabigerolic Acid (CBGA)	6.499	14.696	ND	ND	
Cannabinol (CBN)	2.028	4.586	113.362	3.78	
Cannabinolic Acid (CBNA)	4.434	10.027	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	7.742	17.508	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	7.031	15.901	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	6.230	14.088	ND	ND	
Tetrahydrocannabivarin (THCV)	1.414	3.198	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	5.495	12.426	ND	ND	
Total Cannabinoids			1614.896	53.83	
Total Potential THC			ND	ND	
Total Potential CBD			1326.566	44.22	

Final Approval



Sam Smith
13Oct2023
08:25:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
13Oct2023
08:29:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6d1b5b55-23c3-4884-85c9-c4f51dd18e49>

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.



Cert #4329.02

CDPHE Certified

6d1b5b5523c3488485c9c4f51dd18e49.4

CERTIFICATE OF ANALYSIS

Prepared for:

Good Ol' Boys, LLC

1140 Coral Burst Court
Loveland, CO USA 80538

1,500mg Orange Pomegranate Tincture


Batch ID or Lot Number: 230822B	Test: Microbial Contaminants	Reported: 09Nov2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000252657	Started: 14Aug2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 14Aug2023	Status: Active

Microbial

Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Amendment to T000252657 issued on 17Aug2023 to correct the sample name. 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



Eden Thompson-Wright
09Nov2023
02:20:00 PM MST

PREPARED BY / DATE



Brianne Maillot
09Nov2023
02:52:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6a188ec9-069b-4313-893b-d0c35ef54f45>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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Cert #4329.02

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6a188ec9069b4313893bd0c35ef54f45.2

Prepared for:
CB Bioscience
3016 Zuni St
Denver, CO US 80211

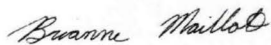
T-Free ML Distillate CRD

Batch ID or Lot Number: CRD080123	Test: Microbial Contaminants	Reported: 07Aug2023	USDA License: NA
Matrix: General/Other	Test ID: T000251511	Started: 02Aug2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 02Aug2023	Status: NA

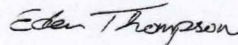
Microbial

Contaminants	Method	LOD	Quantitation 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	
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
06Aug2023
10:39:00 AM MDT



Eden Thompson-Wright
07Aug2023
09:39:00 AM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/5fd9428d-784d-46a9-9ba4-08bf47ec7b68>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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CERTIFICATE OF ANALYSIS

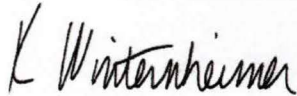
Prepared for:
CB Bioscience
3016 Zuni St
Denver, CO US 80211

T-Free ML Distillate CRD

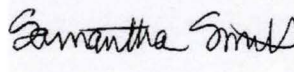
Batch ID or Lot Number: CRD080123	Test: Residual Solvents	Reported: 06Aug2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000251513	Started: 04Aug2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 02Aug2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2066	ND	
Butanes (Isobutane, n-Butane)	202 - 4042	ND	
Methanol	64 - 1274	ND	
Pentane	102 - 2049	ND	
Ethanol	102 - 2036	ND	
Acetone	102 - 2033	ND	
Isopropyl Alcohol	106 - 2124	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	103 - 2069	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2060	ND	
Toluene	18 - 369	ND	
Xylenes (m,p,o-Xylenes)	136 - 2724	ND	

Final Approval



Karen Winternheimer
06Aug2023
10:32:00 AM MDT



Sam Smith
06Aug2023
10:36:00 AM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/0606229f-8cf4-412f-a3fd-77b8ab57af84>

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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Cert #4329.02

CDPHE Certified
0606229f8cf4412fa3fd77b8ab57af84.1

Prepared for:
CB Bioscience

 3016 Zuni St
 Denver, CO US 80211


T-Free ML Distillate CRD

Batch ID or Lot Number: CRD080123	Test: Pesticides	Reported: 10Aug2023	USDA License: NA
Matrix: Concentrate	Test ID: T000251510	Started: 09Aug2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 02Aug2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	359 - 2672	ND	Malathion	280 - 2745	ND
Acephate	42 - 2738	ND	Metalaxyl	39 - 2748	ND
Acetamiprid	40 - 2717	ND	Methiocarb	42 - 2682	ND
Azoxystrobin	41 - 2742	ND	Methomyl	40 - 2756	ND
Bifenazate	37 - 2749	ND	MGK 264 1	183 - 1683	ND
Boscalid	42 - 2706	ND	MGK 264 2	116 - 1071	ND
Carbaryl	38 - 2730	ND	Myclobutanil	26 - 2717	ND
Carbofuran	39 - 2713	ND	Naled	44 - 2783	ND
Chlorantranilprole	37 - 2700	ND	Oxamyl	42 - 2744	ND
Chlorpyrifos	44 - 2773	ND	Paclobutrazol	40 - 2738	ND
Clofentezine	282 - 2718	ND	Permethrin	282 - 2786	ND
Diazinon	281 - 2755	ND	Phosmet	38 - 2733	ND
Dichlorvos	284 - 2779	ND	Prophos	302 - 2688	ND
Dimethoate	39 - 2701	ND	Propoxur	40 - 2711	ND
E-Fenpyroximate	285 - 2744	ND	Pyridaben	298 - 2729	ND
Etofenprox	41 - 2702	ND	Spinosad A	29 - 2102	ND
Etoxazole	300 - 2723	ND	Spinosad D	65 - 670	ND
Fenoxycarb	40 - 2752	ND	Spiromesifen	273 - 2741	ND
Flpronil	25 - 2763	ND	Spirotetramat	267 - 2765	ND
Flonicamid	51 - 2752	ND	Spiroxamine 1	17 - 1206	ND
Fludioxonil	268 - 2721	ND	Spiroxamine 2	21 - 1493	ND
Hexythiazox	38 - 2724	ND	Tebuconazole	275 - 2736	ND
Imazalil	278 - 2796	ND	Thiadoprid	41 - 2726	ND
Imidacloprid	39 - 2775	ND	Thiamethoxam	41 - 2759	ND
Kresoxim-methyl	38 - 2784	ND	Trifloxystrobin	42 - 2710	ND

Final Approval



 Karen Winternheimer
 10Aug2023
 11:53:00 AM MDT

PREPARED BY / DATE



 Sam Smith
 10Aug2023
 12:34:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/ocs/ruid/7a32d0b1-c35d-4fbc-bca2-a5354f09ef2c>

Definitions

 ND = None Detected (defined by dynamic range of the method)
 Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
 ppb = Parts Per Billion

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CERTIFICATE OF ANALYSIS

Prepared for:
CB Bioscience
3016 Zuni St
Denver, CO US 80211

T-Free ML Distillate CRD

Batch ID or Lot Number: CRD080123	Test: Heavy Metals	Reported: 08Aug2023	USDA License: NA
Matrix: Concentrate	Test ID: T000251512	Started: 08Aug2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 02Aug2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.83	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.40	ND	

Final Approval


Samantha Smith
08Aug2023
03:37:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
08Aug2023
03:40:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/oaas/uuid/695aa76b-6b4d-4ca0-b185-05765464b0a8>

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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Cert #429-02

CDPH# Certified
695aa76b-6b4d-4ca0-b185-05765464b0a8.1