

(530) 599-9001 /www.calaglabs.com Lic# C8-0000001-LIC

CBD 1000mg Natural Flavor Tincture

Sample ID: 2203CRG0343.0942 Strain: -Matrix: Ingestible Type: Tincture Sample Size: ; Batch:

Produced: Collected: Received: Completed: 03/09/2022 Batch#:

Client **Gnarly Hearts** Lic.# Https://gnarlyhearts.com Chico, CA 95928

Summary

Test	
Batch	
Cannabinoids	
Pesticides	
Heavy Metals	

03/01/2022 03/04/2022 03/02/2022

Date Tested

Result Pass Complete Pass Pass

1000M6 19

Complete

	ND	34.1	05 mg/serv	ing	34.105 m	ng/serving		.105 mg/serv	
	ND	1,023	8.139 mg/contai	ner	1,023.139	mg/container		23.139 mg/contai	I
	Total THC	-	Total CBD		Total Can	nabinoids		Cannabinoids	
Analyte	LOD	LOQ	Results	Results	Results	Results	Results	Results	
	mg/g	mg/g	%	mg/g	mg/mL	mg/unit	mg/serving	mg/container	
THCa	0.00	0.01	ND	ND	ND	ND	ND	ND	
∆9-THC	0.00	0.01	ND	ND	ND	ND	ND	ND	
∆8-THC	0.00	0.01	ND	ND	ND	ND	ND	ND	
THCV	0.01	0.01	ND	ND	ND	ND	ND	ND	
CBDa	0.01	0.01	ND	ND	ND	ND	ND	ND	
CBD	0.00	0.01	3.657	36.57	34.10	34.10	34.105	1023.139	
CBDV	0.01	0.01	ND	ND	ND	ND	ND	ND	
CBN	0.00	0.01	ND	ND	ND	ND	ND	ND	
CBGa	0.01	0.01	ND	ND	ND	ND	ND	ND	
CBG	0.00	0.01	ND	ND	ND	ND	ND	ND	
CBC	0.01	0.01	ND	ND	ND	ND	ND	ND	
Total			3.657	36.57		34.10	34.105	1023.139	

Notes: 1 Unit = Tincture, 0.9325g. 1 mL = 0.9325g. 1 unit(s) per serving. 30 serving(s) per container. Method: HPLC SOP-420 Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD

Cannabinoids

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

NT _{Not Tested} Moisture Content	NT Not Tested Water Activity	Not Tested Foreign Matter	
	Seth Dixon Lab Director	Confident Cannabis All Rights Reserved support@confidentcannabis.com (866) 506-5866 www.confidentcannabis.com	A FIDE T

California Ag Labs using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5726(e)(13). Values reported relate only to the product tested. California Ag Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of California Ag Labs.

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CBD 1000mg Natural Flavor Tincture

Sample ID: 2203CRG0343.0942	Produced:	Client
Strain: -	Collected:	Gnarly Hearts
Matrix: Ingestible	Received:	Lic. #
Type: Tincture	Completed: 03/09/2022	Https://gnarlyhearts.com
Sample Size: ; Batch:	Batch#:	Chico, CA 95928

Pesticides

Acephate 0.008 0.031 5.000 ND Pass Hexythiazox 0.004 0.031 2.000 ND Pass Acequinocyl 0.007 0.031 4.000 ND Pass Imazalil 0.010 0.031 0.010 ND Pass Acetamiprid 0.004 0.031 5.000 ND Pass Imidacloprid 0.005 0.031 3.000 ND Pass Aldicarb 0.010 0.031 0.010 ND Pass Kresoxim Methyl 0.007 0.031 1.000 ND Pass Azoxystrobin 0.006 0.031 40.000 ND Pass Metalaxyl 0.004 0.031 1.000 ND Pass Metalaxyl 0.004 0.031 0.010 ND Pass Bifenazate 0.005 0.031 0.000 ND Pass Methomyl 0.004 0.031 0.100 ND Pass Bifenazate 0.0051 0.031 0.500 N	Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
Acephate 0.008 0.031 5.000 ND Pass Hexythiazox 0.004 0.031 2.000 ND Pass Acequinocyl 0.007 0.031 4.000 ND Pass Imazalil 0.010 0.031 0.010 ND Pass Acetamiprid 0.004 0.031 5.000 ND Pass Imidacloprid 0.005 0.031 3.000 ND Pass Aldicarb 0.010 0.031 0.010 ND Pass Kresoxim Methyl 0.007 0.031 1.000 ND Pass Azoxystrobin 0.006 0.031 40.000 ND Pass Metalaxyl 0.004 0.031 1.000 ND Pass Metalaxyl 0.004 0.031 0.010 ND Pass Bifenazate 0.005 0.031 0.000 ND Pass Methomyl 0.004 0.031 0.100 ND Pass Bifenazate 0.0051 0.031 0.500 N		µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Accequinocyl 0.007 0.031 4.000 ND Pass Imazalil 0.010 0.031 0.010 ND Pass Acetamiprid 0.004 0.031 5.000 ND Pass Imidacloprid 0.005 0.031 3.000 ND Pass Aldicarb 0.010 0.031 0.010 ND Pass Kresoxim Methyl 0.007 0.031 1.000 ND Pass Azoxystrobin 0.006 0.031 40.000 ND Pass Malathion 0.007 0.031 5.000 ND Pass Metalaxyl 0.004 0.031 5.000 ND Pass Metalaxyl 0.004 0.031 0.010 ND Pass Bifenthrin 0.007 0.031 0.500 ND Pass Methocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methomyl 0.006 0.031 0.100 ND Pa	Abamectin	0.004	0.031	0.300	ND	Pass	Fludioxonil	0.004	0.031	30.000	ND	Pass
Acetamiprid 0.004 0.031 5.000 ND Pass ImidaCloprid 0.005 0.031 3.000 ND Pass Aldicarb 0.010 0.031 0.010 ND Pass Kresoxim Methyl 0.007 0.031 1.000 ND Pass Azoxystrobin 0.006 0.031 40.000 ND Pass Malathion 0.009 0.031 5.000 ND Pass Bifenazate 0.005 0.031 5.000 ND Pass Methalaxyl 0.004 0.031 15.000 ND Pass Bifenthrin 0.007 0.031 0.500 ND Pass Methocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methomyl 0.006 0.031 0.100 ND Pass Captan 0.051 0.063 5.000 ND Pass Methomyl 0.007 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.100 ND	Acephate	0.008	0.031	5.000	ND	Pass	Hexythiazox	0.004	0.031	2.000	ND	Pass
Aldicarb 0.010 0.031 0.010 ND Pass Kresoxim Methyl 0.007 0.031 1.000 ND Pass Azoxystrobin 0.006 0.031 40.000 ND Pass Malathion 0.009 0.031 5.000 ND Pass Bifenazate 0.005 0.031 5.000 ND Pass Metalaxyl 0.004 0.031 15.000 ND Pass Bifenthrin 0.007 0.031 0.500 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methorarb 0.010 0.031 0.010 ND Pass Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.010 ND Pass Myclobutanil 0.007 0.031 0.0050 ND <th>Acequinocyl</th> <th>0.007</th> <th>0.031</th> <th>4.000</th> <th>ND</th> <th>Pass</th> <th>Imazalil</th> <th>0.010</th> <th>0.031</th> <th>0.010</th> <th>ND</th> <th>Pass</th>	Acequinocyl	0.007	0.031	4.000	ND	Pass	Imazalil	0.010	0.031	0.010	ND	Pass
Azoxystrobin 0.006 0.031 40.000 ND Pass Malathion 0.009 0.031 5.000 ND Pass Bifenazate 0.005 0.031 5.000 ND Pass Metalaxyl 0.004 0.031 15.000 ND Pass Bifenthrin 0.007 0.031 0.500 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.010 ND Pass Myclobutanil 0.007 0.031 0.015 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Naled 0.004 0.031 0.200 ND	Acetamiprid	0.004	0.031	5.000	ND	Pass	Imidacloprid	0.005	0.031	3.000	ND	Pass
Bifenazate 0.005 0.031 5.000 ND Pass Metalaxyl 0.004 0.031 15.000 ND Pass Bifenazate 0.007 0.031 0.500 ND Pass Metalaxyl 0.004 0.031 15.000 ND Pass Bisenthrin 0.007 0.031 0.500 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.010 ND Pass Myclobutanil 0.007 0.031 0.015 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Oxamyl 0.004 0.031 0.200 ND	Aldicarb	0.010	0.031	0.010	ND	Pass	Kresoxim Methyl	0.007	0.031	1.000	ND	Pass
Bifenthrin 0.007 0.031 0.500 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Boscalid 0.006 0.031 10.000 ND Pass Methiocarb 0.010 0.031 0.010 ND Pass Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.500 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Maled 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Parathion Methyl 0.030 0.063 0.030 <th>Azoxystrobin</th> <th>0.006</th> <th>0.031</th> <th>40.000</th> <th>ND</th> <th>Pass</th> <th></th> <th>0.009</th> <th>0.031</th> <th>5.000</th> <th>ND</th> <th>Pass</th>	Azoxystrobin	0.006	0.031	40.000	ND	Pass		0.009	0.031	5.000	ND	Pass
Boscalid 0.006 0.031 10.000 ND Pass Methomyl 0.006 0.031 0.100 ND Pass Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.500 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Naled 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Pass Pass Pass Ox10 0.031 0.010 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 <t< th=""><th>Bifenazate</th><th>0.005</th><th>0.031</th><th>5.000</th><th>ND</th><th>Pass</th><th>Metalaxyl</th><th>0.004</th><th>0.031</th><th>15.000</th><th>ND</th><th>Pass</th></t<>	Bifenazate	0.005	0.031	5.000	ND	Pass	Metalaxyl	0.004	0.031	15.000	ND	Pass
Captan 0.051 0.063 5.000 ND Pass Mevinphos 0.015 0.031 0.015 ND Pass Carbaryl 0.003 0.031 0.500 ND Pass Myclobutanil 0.007 0.031 9.000 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Naled 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Pass Pass Oxamyl 0.010 0.031 0.010 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Pass Pass Pass Ox10 0.010 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Pass <th>Bifenthrin</th> <th>0.007</th> <th>0.031</th> <th>0.500</th> <th>ND</th> <th>Pass</th> <th>Methiocarb</th> <th>0.010</th> <th>0.031</th> <th>0.010</th> <th>ND</th> <th>Pass</th>	Bifenthrin	0.007	0.031	0.500	ND	Pass	Methiocarb	0.010	0.031	0.010	ND	Pass
Carbaryl 0.003 0.031 0.500 ND Pass Myclobutanil 0.007 0.031 9.000 ND Pass Carbofuran 0.010 0.031 0.010 ND Pass Naled 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Paclobutrazol 0.010 0.031 0.010 ND Pass Chlorfenapyr 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 0.063 0.030 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Permethrin 0.025 0.063 0.200 ND Pass Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012 0.031	Boscalid	0.006	0.031	10.000	ND	Pass		0.006	0.031	0.100	ND	Pass
Carbofuran 0.010 0.031 0.010 ND Pass Naled 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.500 ND Pass Chlorantraniliprole 0.030 0.063 0.030 ND Pass Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Paclobutrazol 0.010 0.031 0.010 ND Pass Chlorfenapyr 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 0.063 0.030 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Permethrin 0.025 0.063 0.200 ND Pass Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012	Captan	0.051	0.063	5.000	ND	Pass	Mevinphos	0.015	0.031	0.015	ND	Pass
Chlorantraniliprole 0.006 0.031 40.000 ND Pass Oxamyl 0.004 0.031 0.200 ND Pass Chlordane 0.030 0.063 0.030 ND Pass Pass Paclobutrazol 0.010 0.031 0.010 ND Pass Chlorfenapyr 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 0.063 0.030 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Pernetchloronitrobenzene 0.025 0.063 0.200 ND Pass Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012 0.031 20.000 ND Pass	Carbaryl	0.003	0.031	0.500	ND	Pass	Myclobutanil	0.007	0.031	9.000	ND	Pass
Chlordane 0.030 0.063 0.030 ND Pass Paclobutrazol 0.010 0.031 0.010 ND Pass Chlorfenapyr 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 0.063 0.030 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Pertachloronitrobenzene 0.025 0.063 0.200 ND Pass Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012 0.031 20.000 ND Pass	Carbofuran	0.010	0.031	0.010	ND	Pass	Naled	0.004	0.031	0.500	ND	Pass
Chlorfenapyr 0.030 0.063 0.030 ND Pass Parathion Methyl 0.030 0.063 0.030 ND Pass Chlorpyrifos 0.010 0.031 0.010 ND Pass Pertachloronitrobenzene 0.025 0.063 0.200 ND Pass Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012 0.031 20.000 ND Pass	Chlorantraniliprole	0.006	0.031	40.000	ND	Pass	Oxamyl	0.004	0.031	0.200	ND	Pass
Chlorpyrifos0.0100.0310.010NDPassPentachloronitrobenzene0.0250.0630.200NDPassClofentezine0.0130.0310.500NDPassPermethrin0.0120.03120.000NDPass	Chlordane	0.030	0.063	0.030	ND	Pass	Paclobutrazol	0.010	0.031	0.010	ND	Pass
Clofentezine 0.013 0.031 0.500 ND Pass Permethrin 0.012 0.031 20.000 ND Pass	Chlorfenapyr	0.030	0.063		ND	Pass	Parathion Methyl	0.030	0.063		ND	Pass
	Chlorpyrifos	0.010	0.031	0.010	ND	Pass	Pentachloronitrobenzene	0.025	0.063	0.200	ND	Pass
Coursephos 0.010 0.031 0.010 ND Pass Phosmet 0.006 0.031 0.200 ND Pass	Clofentezine	0.013	0.031	0.500	ND	Pass	Permethrin	0.012	0.031	20.000	ND	Pass
	Coumaphos	0.010	0.031	0.010	ND	Pass	Phosmet	0.006	0.031	0.200	ND	Pass
Cyfluthrin 0.039 0.063 1.000 ND Pass Piperonyl Butoxide 0.005 0.031 8.000 ND Pass	Cyfluthrin	0.039	0.063	1.000	ND	Pass	Piperonyl Butoxide	0.005	0.031	8.000	ND	Pass
	Cypermethrin	0.036	0.063	1.000	ND	Pass		0.008	0.031	0.400	ND	Pass
Daminozide 0.030 0.063 0.030 ND Pass Propiconazole 0.006 0.031 20.000 ND Pass	Daminozide	0.030	0.063	0.030	ND	Pass	Propiconazole	0.006	0.031	20.000	ND	Pass
	Diazinon		0.031		ND	Pass	Propoxur	0.010	0.031	0.010	ND	Pass
												Pass
	Dimethoate	0.010	0.031		ND	Pass	Pyridaben	0.004		3.000	ND	Pass
	Dimethomorph	0.012		20.000	ND	Pass	Spinetoram	0.017	0.031	3.000	ND	Pass
Ethoprophos 0.010 0.031 0.010 ND Pass Spinosad 0.017 0.031 3.000 ND Pass	Ethoprophos	0.010	0.031	0.010	ND	Pass	Spinosad	0.017	0.031	3.000	ND	Pass
Etofenprox 0.010 0.031 0.010 ND Pass Spiromesifen 0.007 0.031 12.000 ND Pass	Etofenprox	0.010	0.031	0.010	ND	Pass	Spiromesifen	0.007	0.031	12.000	ND	Pass
Etoxazole 0.003 0.031 1.500 ND Pass Spirotetramat 0.005 0.031 13.000 ND Pass	Etoxazole	0.003	0.031	1.500	ND	Pass	Spirotetramat	0.005	0.031	13.000	ND	Pass
Fenhexamid 0.012 0.031 10.000 ND Pass Spiroxamine 0.010 0.031 0.010 ND Pass	Fenhexamid	0.012	0.031	10.000	ND	Pass	Spiroxamine	0.010	0.031	0.010	ND	Pass
	Fenoxycarb	0.010	0.031	0.010	ND		Tebuconazole	0.006	0.031	2.000	ND	Pass
	Fenpyroximate	0.003		2.000	ND	Pass	Thiacloprid	0.010	0.031	0.010	ND	Pass
	Fipronil	0.010				Pass	Thiamethoxam	0.006	0.031			Pass
Flonicamid 0.008 0.031 2.000 ND Pass Trifloxystrobin 0.002 0.031 30.000 ND Pass	Flonicamid	0.008	0.031	2.000	ND	Pass	Trifloxystrobin	0.002	0.031	30.000	ND	Pass

Date Tested: 03/04/2022 Method: LC-MS/MS& GC-MS/MS SOP-426. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



Seth Dr

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Seth Dixon Lab Director

California Ag Lab Director 03/09/2022 Methods: Foreign Matter Analysis Microscopy SOP-421; Moisture Content MOC63u SOP-422; Water Activity Rotronics Water Activity Probe SOP-428. This product has been tested by California Ag Labs using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. California Ag Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of California Ag Labs.

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Pass



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CBD 1000mg Natural Flavor Tincture

Sample ID: 2203CRG0343.0942	Produced:	Client
Strain: -	Collected:	Gnarly Hearts
Matrix: Ingestible	Received:	Lic. #
Type: Tincture	Completed: 03/09/2022	Https://gnarlyhearts.com
Sample Size: ; Batch:	Batch#:	Chico, CA 95928

Heavy Metals

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Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.0637	0.0976565	1.5	ND	Pass
Cadmium	0.06455	0.0976565	0.5	ND	Pass
Lead	0.07025	0.0976565	0.5	ND	Pass
Mercury	0.0756	0.0976565	3	ND	Pass

Date Tested: 03/02/2022 Method: ICP-MS SOP-423. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



Soth Da

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Pass