



CBD 3000mg Vanilla Flavor Olive Oil

Sample ID: 2203CRG0343.0935
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	Date Tested	Result
Batch		
Cannabinoids	03/01/2022	Pass
Pesticides	03/04/2022	Complete
Heavy Metals	03/02/2022	Pass

Cannabinoids

Complete

ND	107.571 mg/serving	107.571 mg/serving	107.571 mg/serving
ND	3,227.126 mg/container	3,227.126 mg/container	3,227.126 mg/container
Total THC	Total CBD	Total Cannabinoids	Total Unconverted 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	0.005	0.008	ND	ND	ND	ND	ND	ND
Δ9-THC	0.005	0.008	ND	ND	ND	ND	ND	ND
Δ8-THC	0.005	0.008	ND	ND	ND	ND	ND	ND
THCV	0.007	0.008	ND	ND	ND	ND	ND	ND
CBDa	0.006	0.008	ND	ND	ND	ND	ND	ND
CBD	0.004	0.008	11.474	114.742	107.571	107.571	107.571	3227.126
CBDV	0.007	0.008	ND	ND	ND	ND	ND	ND
CBN	0.002	0.008	ND	ND	ND	ND	ND	ND
CBGa	0.006	0.008	ND	ND	ND	ND	ND	ND
CBG	0.004	0.008	ND	ND	ND	ND	ND	ND
CBC	0.006	0.008	ND	ND	ND	ND	ND	ND
Total			11.474			107.571	107.571	3227.126

Notes: 1 Unit = Tincture, 0.9375g, 1 mL = 0.9375g, 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

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
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Seth Dixon

Seth Dixon
Lab Director
03/09/2022

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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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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.004	0.031	0.300	ND	Pass	Fludioxonil	0.004	0.031	30.000	ND	Pass
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	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	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	<LOQ	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	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	Pentachloronitrobenzene	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
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
Cypermethrin	0.036	0.063	1.000	ND	Pass	Prallethrin	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
Diazinon	0.004	0.031	0.200	ND	Pass	Propoxur	0.010	0.031	0.010	ND	Pass
Dichlorvos	0.010	0.031	0.010	ND	Pass	Pyrethrins	0.006	0.031	1.000	ND	Pass
Dimethoate	0.010	0.031	0.010	ND	Pass	Pyridaben	0.004	0.031	3.000	ND	Pass
Dimethomorph	0.012	0.031	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
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
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	Pass	Tebuconazole	0.006	0.031	2.000	ND	Pass
Fenpyroximate	0.003	0.031	2.000	ND	Pass	Thiacloprid	0.010	0.031	0.010	ND	Pass
Fipronil	0.010	0.031	0.010	ND	Pass	Thiamethoxam	0.006	0.031	4.500	ND	Pass
Fonicamid	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.



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Lab Director
03/09/2022

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Sample Size: ; Batch:	Batch#:	Chico, CA 95928

Heavy Metals

Pass

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.



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