



# CERTIFICATE OF ANALYSIS

Not for Regulatory Compliance

Date: Feb 17, 2023

Overall Result



PASS

Botanical Brewing Company

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## Lemon Poundcake Delta 9

Edible Liquid



### SAMPLE INFORMATION

Sample ID: CTND-230215-006

Sample Name: Lemon Poundcake Delta 9

Matrix: Edible Liquid

Batch No.: 676

Retail Batch Date: Feb 01, 2023

Sample Size: 355 ml

Cultivar(s): N/A

Cultivation Facility: Botanical Brewing Co

Production Facility: Botanical Brewing Co

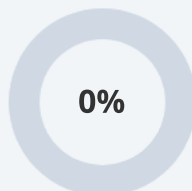
Date Collected: Feb 15, 2023

Date Received: Feb 15, 2023

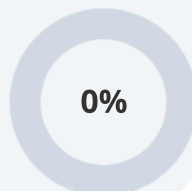
Received By: Adriana S. Ramirez

### Cannabinoids

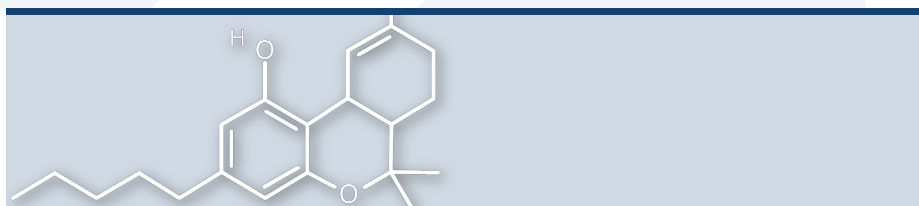
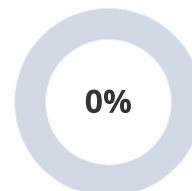
TOTAL CANNABINOIDS



TOTAL THC



TOTAL CBD



Cannabinoids



PASS

Heavy Metals



TESTED

Microbials



TESTED

Total Contaminant Load



PASS

Foreign Matter



NOT TESTED

Moisture Content



NOT TESTED

Mycotoxins



NOT TESTED

Pesticides



NOT TESTED

Residual Solvents



NOT TESTED

Terpenes



NOT TESTED

Water Activity



NOT TESTED



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Laboratory Director  
Feb 17, 2023



Lovelie Metzgar  
Quality Manager  
Feb 17, 2023



# Lemon Poundcake Delta 9

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Date: Feb 17, 2023

Sample ID: CTND-230215-006

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## Cannabinoids

Testing Method: CTND-FL-SOP-P-001, CTND-FL-SOP-P-002: Cannabinoids by HPLC-PDA

PASS

Analyte	Dilution	LOD	LOQ	Results	Results	Results
	1:n	mg/g	mg/g	%	mg/g	mg/pkg
CBC	10	0.00200	0.00500	ND	ND	
CBD	10	0.00200	0.00500	ND	ND	
CBDA	10	0.00200	0.00500	ND	ND	
CBDV	10	0.00200	0.00500	ND	ND	
CBG	10	0.00200	0.00500	ND	ND	
CBGA	10	0.00200	0.00500	ND	ND	
CBN	10	0.00200	0.00500	ND	ND	
Δ <sup>8</sup> -THC	10	0.00200	0.00500	ND	ND	
Δ <sup>9</sup> -THC	10	0.00200	0.00500	0.00260	0.0260	
THCA	10	0.00200	0.00500	ND	ND	
THCV	10	0.00200	0.00500	ND	ND	
<b>Total THC</b>				<b>0.00260</b>	<b>0.0260</b>	
<b>Total CBD</b>				<b>ND</b>	<b>ND</b>	

Prepared By: 10  
Prep Date: Feb 15, 2023  
19:30:00 UTC  
Prep Weight: 9.0599 Grams

Analyzed By: 10  
Analysis Date: Feb 16, 2023  
14:00:00 UTC  
Lab Batch #: 64230215P, P230021

Reviewed By: 14  
Review Date: Feb 16, 2023  
14:20:00 UTC

## Foreign Matter

Testing Method: Foreign Matter

NOT TESTED

Analyte	Limit	Results	Status
Feces		NT	N/A
Filth		NT	N/A

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

## Mycotoxins

Testing Method: Mycotoxins

NOT TESTED

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n			ppb		
Aflatoxin B1					NT	N/A
Aflatoxin B2					NT	N/A
Aflatoxin G1					NT	N/A
Aflatoxin G2					NT	N/A
Ochratoxin A					NT	N/A
<b>Aflatoxins</b>					<b>NT</b>	<b>N/A</b>

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

## Terpenes

Testing Method: Terpenes

NOT TESTED

Analyte	Dilution	LOD	LOQ	Results	Results
	1:n			%	
(-)-Caryophyllene oxide					NT
(-)-Guaiaol					NT
(-)-Isopulegol					NT
(-)-α-Bisabolol					NT
1,8-Cineole					NT
Camphene					NT
Δ <sup>3</sup> -Carene					NT
Geraniol					NT
Linalool					NT
Terpinolene					NT
α-Humulene					NT
α-Pinene					NT
α-Terpinene					NT
β-Caryophyllene					NT
β-Myrcene					NT
β-Pinene					NT
cis-Nerolidol					NT
cis-β-Ocimene					NT
d-Limonene					NT
γ-Terpinene					NT
p-Cymene					NT
trans-Nerolidol					NT
trans-β-Ocimene					NT

**Total Terpenes** ND ND

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

## Moisture Content

Testing Method: Moisture Content

NOT TESTED

Analyte	Limit	Results	Status
Moisture		NT	N/A

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

## Water Activity

Testing Method: Water Activity

NOT TESTED

Analyte	Limit	Results	Status
Water Activity		NT	N/A

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A



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Laboratory Director  
Feb 17, 2023

Lovell Metzgar  
Quality Manager  
Feb 17, 2023

Definitions and Equations: Total THC = THCa\*0.877 + d9-THC, Total CBD = CBDa\*0.877 + CBD, LOQ = Limit of Quantification, LOD = Limit of Detection, NT = Not Tested, ND = Not Detected. This report, and all results within, relates only to the product submitted and tested, and may not be reproduced without written approval from Certified Testing and Data (CTND). CTND has been accredited by an unbiased thirdparty agency to ISO 17025 standards.



# Lemon Poundcake Delta 9

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Date: Feb 17, 2023

Sample ID: CTND-230215-006

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## Pesticides

Testing Method: Pesticides

NOT TESTED

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n			ppb		
Abamectin					NT	N/A
Acephate					NT	N/A
Acequinocyl					NT	N/A
Acetamiprid					NT	N/A
Aldicarb					NT	N/A
Azoxystrobin					NT	N/A
Bifenazate					NT	N/A
Bifenthrin					NT	N/A
Boscalid					NT	N/A
Captan					NT	N/A
Carbaryl					NT	N/A
Carbofuran					NT	N/A
Chlorantranil-iprole					NT	N/A
Chlordane					NT	N/A
Chlorfenapyr					NT	N/A
Chlormequat chloride					NT	N/A
Chlorpyrifos					NT	N/A
Clofentezine					NT	N/A
Coumaphos					NT	N/A
Cyfluthrin					NT	N/A
Cypermethrin					NT	N/A
Daminozide					NT	N/A
Diazinon					NT	N/A
Dichlorvos					NT	N/A
Dimethoate					NT	N/A
Dimethomorph E					NT	N/A
Dimethomorph Z					NT	N/A
Ethoprophos					NT	N/A
Etofenprox					NT	N/A
Etoxazole					NT	N/A
Fenhexamid					NT	N/A
Fenoxycarb					NT	N/A
Fenpyroximate					NT	N/A
Fipronil					NT	N/A
Flonicamid					NT	N/A
Fludioxonil					NT	N/A
Hexythiazox					NT	N/A
Imazalil					NT	N/A

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n			ppb		
Imidacloprid					NT	N/A
Kresoxim-methyl					NT	N/A
Malathion					NT	N/A
Metalaxyl					NT	N/A
Methiocarb					NT	N/A
Methomyl					NT	N/A
Methyl parathion					NT	N/A
Mevinphos					NT	N/A
Myclobutanil					NT	N/A
Naled					NT	N/A
Oxamyl					NT	N/A
Pacllobutrazol					NT	N/A
Pentachloronitrobenzene					NT	N/A
Permethrin cis					NT	N/A
Permethrin trans					NT	N/A
Phosmet					NT	N/A
Piperonylbutoxide					NT	N/A
Prallethrin					NT	N/A
Propiconazole					NT	N/A
Propoxur					NT	N/A
Pyrethrins Cinerin I					NT	N/A
Pyrethrins Cinerin II					NT	N/A
Pyrethrins Jasmolin I					NT	N/A
Pyrethrins Jasmolin II					NT	N/A
Pyrethrins Pyrethrin I					NT	N/A
Pyrethrins Pyrethrin II					NT	N/A
Pyridaben					NT	N/A
Spinetoram					NT	N/A
Spinosad A					NT	N/A
Spinosad D					NT	N/A
Spiromesifen					NT	N/A
Spirotetramat					NT	N/A
Spiroxamine					NT	N/A
Tebuconazole					NT	N/A
Thiacloprid					NT	N/A
Thiamethoxam					NT	N/A
Trifloxystrobin					NT	N/A

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

## Heavy Metals

Testing Method: CTND-FL-SOP-M-001: Heavy Metals by ICP-MS

TESTED

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n	ppb	ppb	ppb	ppb	
Lead	1	50.0	250	500	ND	N/A
Arsenic	1	20.0	100	1500	ND	N/A

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n	ppb	ppb	ppb	ppb	
Cadmium	1	20.0	100	500	ND	N/A
Mercury	1	20.0	100	3000	ND	N/A

Prepared By: 14, 14  
Prep Date: Feb 15, 2023 17:00:00 UTC  
Prep Weight: 0.501 Grams

Analyzed By: 14  
Analysis Date: Feb 15, 2023 20:59:00 UTC  
Lab Batch #: M230007

Reviewed By: 14  
Review Date: Feb 15, 2023 21:00:00 UTC

Total Contaminant Load: 0 ppm | Action Limit: 30 ppm

PASS



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Sample ID: CTND-230215-006

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## Microbials

TESTED

Analyte	Limit	Results	Status
Salmonella spp.	Any amt in 1 gram	Absent	N/A

Testing & Prep Method:  
CTND-FL-SOP-B-002: Salmonella Analysis

Prepared By: 12	Prep Date: Feb 15, 2023 17:10:00 UTC	Reviewed By: 6	Review Date: Feb 17, 2023 21:12:00 UTC
Analyzed By: 12	Analysis Date: Feb 16, 2023 17:09:00 UTC	Lab Batch #: B230033	

Analyte	Limit	Results	Status
Shiga toxin-producing E. coli		Absent	N/A

Testing & Prep Method:  
CTND-FL-SOP-B-001: Shiga Toxin-producing E. Coli Analysis

Prepared By: 12	Prep Date: Feb 15, 2023 17:10:00 UTC	Reviewed By: 6	Review Date: Feb 17, 2023 21:12:00 UTC
Analyzed By: 12	Analysis Date: Feb 16, 2023 17:10:00 UTC	Lab Batch #: B230034	

Analyte	Limit	Results	Status
Yeast & Mold		ND	N/A

Testing & Prep Method:  
N/A

Prepared By: 12	Prep Date: Feb 15, 2023 18:13:00 UTC	Reviewed By: 6	Review Date: Feb 17, 2023 21:12:00 UTC
Analyzed By: 12	Analysis Date: Feb 17, 2023 18:13:00 UTC	Lab Batch #: B230036	

Analyte	Limit	Results	Status
Aspergillus spp.	Any amt in 1 gram	Absent	N/A
Aspergillus niger		Absent	N/A
Aspergillus flavus		Absent	N/A
Aspergillus terreus		Absent	N/A
Aspergillus fumigatus		Absent	N/A

Testing & Prep Method:  
CTND-FL-SOP-B-007: Aspergillus Prep

Prepared By: 12	Prep Date: Feb 15, 2023 17:30:00 UTC	Reviewed By: 8	Review Date: Feb 17, 2023 18:24:00 UTC
Analyzed By: 8	Analysis Date: Feb 17, 2023 18:22:00 UTC	Lab Batch #: B230035	

## Residual Solvents

Testing Method: Residual Solvents

NOT TESTED

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n			ppm		
1,1-Dichloroethene					NT	N/A
1,2-Dichloroethane					NT	N/A
Acetone					NT	N/A
Acetonitrile					NT	N/A
Benzene					NT	N/A
Butane					NT	N/A
Chloroform					NT	N/A
Ethanol					NT	N/A
Ethyl acetate					NT	N/A
Ethyl ether					NT	N/A
Ethylene oxide					NT	N/A
Heptane					NT	N/A

Analyte	Dilution	LOD	LOQ	Limit	Results	Status
	1:n			ppm		
Hexane					NT	N/A
Isopropyl alcohol					NT	N/A
Methanol					NT	N/A
Methylene chloride					NT	N/A
Pentane					NT	N/A
Propane					NT	N/A
Toluene					NT	N/A
Total xylenes					NT	N/A
Trichloroethylene					NT	N/A
o-Xylene					NT	N/A
p- and m-Xylene					NT	N/A

Prepared By: N/A  
Prep Date: N/A  
Prep Weight: N/A

Analyzed By: N/A  
Analysis Date: N/A  
Lab Batch #: N/A

Reviewed By: N/A  
Review Date: N/A

Not for Regulatory Compliance



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