

SAMPLE NAME: Focus Capsules

Infused, Solid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: cbdMD

License Number:
Address:

SAMPLE DETAIL
Batch Number: 1F90B

Sample ID: 230128R017

Date Collected: 01/28/2023

Date Received: 01/28/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 1.602 grams per Unit

Serving Size: 1.602 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: **Not Detected**
Total CBD: **27.695 mg/unit**
Sum of Cannabinoids: **33.810 mg/unit**
Total Cannabinoids: **33.810 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit: **✓PASS**
 Δ^9 -THC per Serving: **✓PASS**

 Pesticides: **✓PASS**

 Mycotoxins: **✓PASS**

 Residual Solvents: **✓PASS**

 Heavy Metals: **✓PASS**

 Foreign Material: **✓PASS**


 Water Activity: **✓PASS**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



Approved by: Josh Wurzer
Job Title: President
Date: 02/17/2023




Cannabinoïd Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **27.695 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **33.810 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: **5.426 mg/unit**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **ND**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **0.067 mg/unit**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/01/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.6448	17.288	1.7288
CBG	0.002 / 0.006	±0.1643	3.387	0.3387
CBN	0.001 / 0.007	±0.0111	0.388	0.0388
CBDV	0.002 / 0.012	±0.0017	0.042	0.0042
Δ^9 -THC	0.002 / 0.014	N/A	ND	ND
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			21.105 mg/g	2.1105%

Unit Mass: 1.602 grams per Unit / Serving Size: 1.602 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	ND	PASS
Δ^9 -THC per Serving		ND	PASS
Total THC per Unit		ND	
Total THC per Serving		ND	
CBD per Unit		27.695 mg/unit	
CBD per Serving		27.695 mg/serving	
Total CBD per Unit		27.695 mg/unit	
Total CBD per Serving		27.695 mg/serving	
Sum of Cannabinoids per Unit		33.810 mg/unit	
Sum of Cannabinoids per Serving		33.810 mg/serving	
Total Cannabinoids per Unit		33.810 mg/unit	
Total Cannabinoids per Serving		33.810 mg/serving	

Focus Capsule : PB206-A

Identifier 1F90B
Date Of Manufacturing 01/27/2023
Planned Quantity 52.93 kg
Date Of Expiration 1/31/2025

Batch Status
BOM Version 1.1
Resource
Scheduled By Gentry



RECORD # 43872

Note cbdMD Focus Capsule

Produced Quantity 52.85 kg

Barcode	Identifier	Date	LPN	Original Quantity
<input type="checkbox"/> 1F90B-001	1F90B-001	1/27/23 1:02 pm		26 kg
<input type="checkbox"/> 1F90B-002	1F90B-002	1/27/23 1:02 pm		27 kg

Transacted Parts

Part	Identifier	Quantity	Actual / Target	Transacted By
CSM210 cbdMD CBD Isolate	902-J FE3DC-002 FE3DC-002	887.00g	887.00 / 877.80	Nick Bartholomew 2/10/23 11:30 am
RM408 Silicon Dioxide	311122811 5BEFC-001 5BEFC-001	462.00g	462.00 / 462.00	Jennifer Davies 1/17/23 11:19 am
RM044 Magnesium stearate	C143062 2CA12-005 2CA12-005	475.00g	475.00 / 475.20	Jennifer Davies 1/17/23 12:47 pm
CSM211 cbdMD CBG Isolate	549-G.3 DF114-001 DF114-001	217.00g	242.00 / 217.80	Jennifer Davies 1/17/23 12:51 pm
CSM211 cbdMD CBG Isolate	549-G.3 DF114-001 DF114-001	25.00g		Jennifer Davies 2/8/23 10:45 am
CSM212 cbdMD CBN Isolate	646-N 46B51-001 46B51-001	29.00g	29.00 / 29.43	Jennifer Davies 1/17/23 1:15 pm
RM567 Magtein	SM-202110114 98ECE-006 98ECE-006	302.00g	30,492.00 / 30,492.01	Jennifer Davies 1/17/23 12:59 pm
RM567 Magtein	SM-202205104 2475B-001 2475B-001	25,000.00g		Jennifer Davies 1/27/23 9:57 am
RM567 Magtein	SM-202110107 C61FC-001 C61FC-001	5,190.00g		Jennifer Davies 1/27/23 10:03 am
RM569 EnXtra (Alpinia Galanga Extract)	agreka-032-2021 D8B68-001 D8B68-001	10,890.00g		Jennifer Davies 1/17/23 1:13 pm
RM378 Vitamin B12 Methylcobalamin PURE	2004505 787AE-001 787AE-001	4.50g	4.50 / 4.55	Jennifer Davies 1/17/23 11:08 am
RM568 Bacopa Monnieri 45%	FBM2104019 38211-001 38211-001	2,752.00g		Jennifer Davies 1/17/23 11:14 am

2,752.00 / 2,752.20

RM571 Huperzine A 1%	HUP-N210928 16DCA-003	16DCA-003	150.00g	Jennifer Davies 1/17/23 1:18 pm
RM571 Huperzine A 1%	HUP-N210928 16DCA-001	16DCA-001	708.00g	Jennifer Davies 1/17/23 1:19 pm
			858.00 / 858.00	
RM409 Rice Flour (White)	LGRF-450-GG 603D1-001	603D1-001	5,874.00g	Jennifer Davies 1/17/23 10:56 am
			5,874.00 / 5,874.00	

Process Steps

Production Blend Record Issuance

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Issuer has reviewed the blend record to ensure that the copy is a complete and accurate copy of the master batch record. Upon review of the batch record, quality assurance will issue the batch to production for blending operations.

Name and Date of the Employee from Quality Assurance verifying accuracy of the blending record.

Gentry B 1/27/23 Nick Bartholomew
1/27/2023 10:02:21AM

Production has reviewed the batch record to ensure that the copy provided to them is a complete and correct record. Production is responsible for the accuracy and information following issuance. Name and Date of employee batch record has been issued to.

Carlos A 1/27/23 Nick Bartholomew
1/27/2023 10:02:29AM

GMP Processing area location assigned for blending operations.

Clean Room 7 Nick Bartholomew
1/27/2023 10:02:33AM

Reference Documents

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- QA-051 Nonconformance
- QA-047 Product Changeovers
- QA-041 GMP Processing Areas Cleaning & Sanitization
- QA-027 Batch Production Records
- QA-033 Holding of Raw Material Components, In-Process Materials, Packing Components, & Labels

Raw Materials

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Gather all raw materials needed for the the production blending. All materials needed are listed on the front page of the blending record. All materials are to be staged and verified in sufficient quantities prior to the start of manufacturing operations.

All raw materials needed for the production have checked and are in sufficient quantities for the blending run.

true Nick Bartholomew
1/27/2023 10:51:02AM

Processing Equipment

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Gather all the required equipment and materials needed for the blending operations:

Glass measurement beakers
Weighing scale
Stainless steel mixing vessel
Mixing paddle
Storage container
Labeler

All equipment items have been gather and set up for the blending run prior to manufacturing operations.

true Nick Bartholomew
1/27/2023 10:51:03AM

Pre-Operational Checks

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All equipment items have been gather and set up for the blending run prior to manufacturing operations.

Product Changeover Form has been completed to ensure that production area does not contain any items for previous batches or cleaning activities and that no items unrelated to the current batch are present.

true Nick Bartholomew
1/27/2023 10:51:04AM

GMP Processing Logbooks have been reviewed and verify that Cleaning has been performed according to Processing Areas Cleaning Procedures (SOP QA-041)

true Nick Bartholomew
1/27/2023 10:51:04AM

Quality Unit has reviewed Product Changeover Form and production area given approval for manufacturing operations

true Nick Bartholomew
1/27/2023 10:51:05AM

Weighing of Materials

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Materials are to be weighed out and added to the stainless steeling mixing vessel in the order that they are outlined below.

Total Amount of RiceFlour that has been weighed out and added to the stainless steel mixing vessel.

5874 Jennifer Davies
1/27/2023 10:44:13AM

Total amount of Bacopa Monnieri that has been weighed out and added to the stainless steal mixing vessel.

2752 Jennifer Davies
1/27/2023 10:43:51AM

Total Amount of SILICON DIOXIDE that has been weighed out and added to the stainless steel mixing vessel.

462 Jennifer Davies
1/27/2023 10:44:20AM

Total Amount of Magnesium Stearate that has been weighed out and added to the stainless steel mixing vessel.

475 Jennifer Davies
1/27/2023 10:44:42AM

Total Amount of CBD Isolate that has been weighed out and added to the stainless steel mixing vessel.

877 Jennifer Davies
1/27/2023 10:40:54AM

Total Amount of CBN Isolate that has been weighed out and added to the stainless steel mixing vessel.

29 Jennifer Davies
1/27/2023 10:43:06AM

Total Amount of CBG Isolate that has been weighed out and added to the stainless steel mixing vessel.

217 Jennifer Davies
1/27/2023 10:43:00AM

Total Amount of B12 Methylcobalamin Pure that has been weighed out and added to the stainless steel mixing vessel.

4.5 Jennifer Davies
1/27/2023 10:43:43AM

Total Amount of Magtein that has been weighed out and added to the stainless steel mixing vessel.

30492 Jennifer Davies
1/27/2023 10:43:15AM

Total Amount of EnXtra (Alpinia Galanga Extract) that has been weighed out and added to the stainless steel mixing vessel.

10890 Jennifer Davies
1/27/2023 10:43:22AM

Total Amount of Huperzine A that has been weighed out and added to the stainless steel mixing vessel.

857 Jennifer Davies
1/27/2023 10:44:02AM

Blending

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Close and seal all hatches to the V-Blender. Blend for 15-20 minutes.

Record the start time for blending.

10:40 am Jennifer Davies
1/27/2023 10:44:52AM

Record the end time for blending upon contents being well blended.

10:55 am Jennifer Davies
1/27/2023 10:45:05AM

Transfer and Storage of Blend

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After blending of the powder, the production team will notify the production supervisor that they are finished with the blending operations. The production supervisor will review the record up to this point for accuracy and completion.

After approval has been given the production team will finish closing out the record.

Properly transfer the bulk Powder from the stainless steel mixing vessel to the designated storage container. Make two labels with the following information: Lot Code, Product Name, Quantity, & Manufacture Date.

Place one label on the side of the storage container containing the bulk manufactured powder. Place the other label on the paper copy of the batch record on the last page.

Properly store the bulk storage container in the In-Process Material Hold Area ensuring that the container is a minimum of six inches off of the floor.

Give the batch record to the production supervisor so the manufacturing information can be imputed into Data Ninja.

Two labels printed and placed on the storage container and the paper batch record with the following information: Lot Code, Product Name, Quantity, & Manufacture Date

true Jennifer Davies
1/27/2023 10:45:05AM

Storage Container placed in the In-Process Material Hold area off of the floor.

true Jennifer Davies
1/27/2023 10:45:05AM

Name of Employee that verified the batch record for completion and accuracy

Nelly Jennifer Davies
2/8/2023 10:50:20AM

Batch record given to the production supervisor and data imputed into Data Ninja

true Jennifer Davies
1/27/2023 10:45:05AM

Cleaning

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Properly clean all the equipment that was used in the manufacturing of the product.

All leftover raw materials and other components needed for the manufacturing of the product has been properly closed and place back into their designated storage areas.

Approval Details

Manufacture

Electronic Signature by

Jennifer Davies

F331F3E49C5A3D5D6E4A6FD1E8B8A802 1/31/2023 8:42:54AM

Production Manager

Correction

Electronic Signature by

Nick Bartholomew

CAD8B44132B4EBC0425B8D70CCF1A19E 2/17/2023 9:11:14AM

Spiking the CBG to get it to the correct potency

IF90B Focus Capsule PB02-08-2022-142042.pdf,23012

Product Release

Electronic Signature by

Nick Bartholomew

F6DD31CCD7EB1F7F7C11FE8C53790D11 2/17/2023 9:11:26AM

QA