

SAMPLE NAME: cbdMD Grapefruit Bergamot Body Balm

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER**Business Name:****License Number:****Address:****DISTRIBUTOR****Business Name:** cbdMD**License Number:****Address:****SAMPLE DETAIL****Batch Number:** 20130G**Sample ID:** 200602P013**Date Collected:** 06/02/2020**Date Received:** 06/02/2020**Batch Size:****Sample Size:** 1.0 Unit(s)**Unit Mass:** 15 Grams per Unit**Serving Size:**Scan QR code to verify
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY** ✔ PASS**Total THC:** Not Detected**Total CBD:** 320.550 mg/unit**Total Cannabinoids:** 329.865 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:


Total THC = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$ Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$ Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$ **Moisture:** NT**Density:** NT**Viscosity:** NT**SAFETY ANALYSIS - SUMMARY****Pesticides:** NT**Mycotoxins:** NT**Residual Solvents:** NT**Heavy Metals:** NT**Microbial Impurities (PCR):** NT**Microbial Impurities (Plating):** NT**Foreign Material:** NT**Water Activity:** NT**Vitamin E Acetate:** NT

For quality assurance purposes. Not a Pre-Harvest 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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, President
Date: 06/03/2020



Cannabinoid 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 ($\Delta 9$ THC+0.877*THCa)

TOTAL CBD: 320.550 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 329.865 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: 5.160 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: 1.215 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/03/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 1.0236	21.370	2.1370
CBG	0.002 / 0.005	± 0.0214	0.344	0.0344
CBN	0.001 / 0.004	± 0.0072	0.196	0.0196
CBDV	0.002 / 0.007	± 0.0042	0.081	0.0081
$\Delta 9$ THC	0.002 / 0.005	N/A	ND	ND
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDa	0.001 / 0.003	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
CBL	0.003 / 0.008	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
SUM OF CANNABINOIDS			21.991 mg/g	2.1991%

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

Not Tested

VISCOSITY TEST RESULT

Not Tested

Unit Mass: 15 Grams per Unit / Serving Size:

$\Delta 9$ THC per Unit	1000.0 per-package limit	ND	PASS
$\Delta 9$ THC per Serving			
CBD per Unit		320.550 mg/unit	
CBD per Serving			

