

Specimen #: 67451015 MCH0258

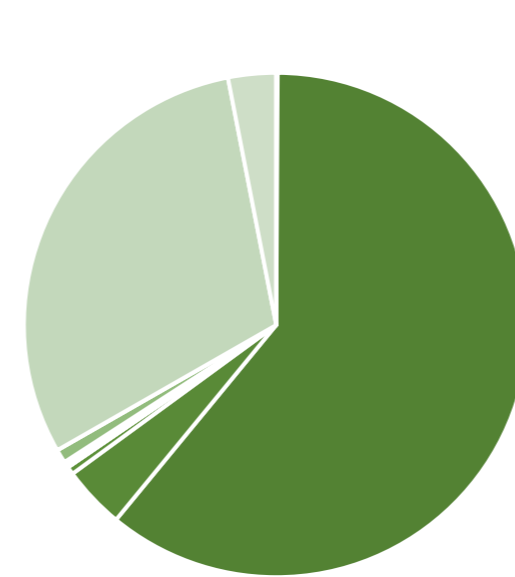
CBD Critical Mass

Customer Name: Harmony Dispensary
Sample Type: Flower
Licensee Contact: Adam Johnstone
Licensee Address: Secaucus, NJ 07094
Sample Weight: 8.14g
Total Batch Weight: 220g
Customer Lot #: CDM20221103H
Metric ID: 67451015 MCH0258
Parent Pkg ID: CDM20221103H
Sampled By & Date: BH 23-Dec-2022
Date Received: 23-Dec-2022

SUMMARY

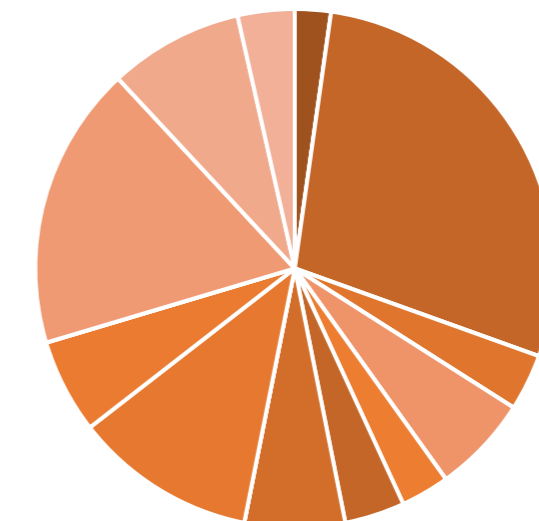
Water Activity	PASSED	0.4082	Heavy Metals	PASSED
Moisture	PASSED	10.82%	Mycotoxins	PASSED
Pesticides	PASSED		Microbials	PASSED
Foreign Material	PASSED			

CANNABINOIDS



- CBDVA
- CBDV
- CBDA
- CBGA
- CBG
- CBD
- THCV
- THCVA
- CBN
- CBNA
- D9-THC
- D8-THC
- CBL
- CBC
- THCAa
- CBCA
- CBLA

TERPENES



- Alpha-Pinene
- Camphene
- beta-Myrcene
- beta-Pinene
- Ocimene
- alpha-Terpinene
- (R)-(+)-Limonene
- Eucalyptol
- gamma-Terpinene
- Terpinolene
- Linalool
- (-)-Isopulegol
- Geraniol
- trans-Caryophyllene
- alpha-Humulene
- (1S)-(+)-3-Carene
- cis-Nerolidol
- trans-Nerolidol
- Guaiol
- (-)-Caryophyllene oxide
- (-)-alpha-Bisabolol
- p-isopropyltoluene

CANNABINOIDS*	LOQ	20.05%	TOTAL
Analyte	LOQ	Mass %	Mass mg/g
CBDVA	0.01	0.02	0.19
CBDV	0.01	ND	0.00
CBDA	0.01	12.20	122.01
CBGA	0.01	0.80	8.03
CBG	0.01	0.10	1.01
CBD	0.01	<LOQ	0.00
THCV	0.01	ND	0.00
THCVA	0.01	0.03	0.33
CBN	0.01	ND	0.00
CBNA	0.01	0.05	0.47
D9-THC	0.01	0.18	1.76
D8-THC	0.01	ND	0.00
CBL	0.01	ND	0.00
CBC	0.01	ND	0.00
THCAa	0.01	6.05	60.54
CBCA	0.01	0.62	6.15
CBLA	0.01	ND	0.00

*Cannabinoids calculated by dry-weight - % / (1 - Moisture Content/100)

TERPENES	LOQ	0.951%	TOTAL
Analyte	LOQ	Mass %	Mass mg/g
Alpha-Pinene	0.0125	0.021	0.21
Camphene	0.0125	<LOQ	0.00
beta-Myrcene	0.0125	0.269	2.69
beta-Pinene	0.0125	<LOQ	0.00
Ocimene	0.0125	0.034	0.34
alpha-Terpinene	0.0125	<LOQ	0.00
(R)-(+)-Limonene	0.0125	0.058	0.58
Eucalyptol	0.0125	<LOQ	0.00
gamma-Terpinene	0.0125	0.029	0.29
Terpinolene	0.0125	0.036	0.36
Linalool	0.0125	0.059	0.59
(-)-Isopulegol	0.0125	ND	0.00
Geraniol	0.0125	ND	0.00
trans-Caryophyllene	0.0125	0.108	1.08
alpha-Humulene	0.0125	0.056	0.56
(1S)-(+)-3-Carene	0.0125	<LOQ	0.00
cis-Nerolidol	0.0125	ND	0.00
trans-Nerolidol	0.0125	ND	0.00
Guaiol	0.0125	0.168	1.68
(-)-Caryophyllene oxide	0.0125	ND	0.00
(-)-alpha-Bisabolol	0.0125	0.080	0.80
p-isopropyltoluene	0.0125	0.034	0.34

HEAVY METALS

Analyte	Result	Action Limit	UOM
Arsenic	<LOQ	0.4	ppm
Cadmium	<LOQ	0.4	ppm
Chromium	<LOQ	0.6	ppm
Lead	ND	1	ppm
Mercury	<LOQ	0.2	ppm

MYCOTOXINS

Analyte	Result	Action Limit	UOM
Aflatoxin B1	ND	20	ppb
Aflatoxin B2	ND	20	ppb
Aflatoxin G1	ND	20	ppb
Aflatoxin G2	ND	20	ppb
Ochratoxin A	ND	20	ppb

MICROBIALS

Analyte	Result	Action Limit	UOM
Total Aerobic	4	100,000	CFU/g
Total Yeast and Mold	0	10,000	CFU/g
E. Coli	0	0	CFU/g
Salmonella	0	0	CFU/g

PESTICIDES (in ppm)

Analyte	Result	Action Limit	Analyte	Result	Action Limit	Analyte	Result	Action Limit
Abamectin	ND	0.5	Dimethoate	ND	0.2	Naled	ND	0.5
Acetamiprid	ND	0.2	Ethephon	ND	1.0	Oxamyl	ND	1.0
Aldicarb	ND	0.4	Etoxazole	ND	0.2	Paclbutrazol	ND	0.4
Ancymidol	ND	0.2	Fenpyroximate	ND	0.5	Permethrin, cis	ND	0.5
Azoxystrobin	ND	0.2	Fipronil	ND	0.4	Permethrin, trans	ND	0.5
Bifenazate	ND	0.2	Flonicamid	ND	1.0	Phosmet	ND	0.2
Bifenthrin	ND	0.2	Fludioxonil	ND	0.4	Piperonyl butoxide	ND	1.0
Boscalid	ND	0.4	Flurprimidol	ND	0.2	Propiconazole	ND	0.4
Carbaryl	ND	0.2	Hexythiazox	ND	1.0	Pyrethrins	ND	1.0
Carbofuran	ND	0.2	Imazalil	ND	0.2	Spinosyn A	<LOQ	0.2
Chlorantraniliprole	ND	0.2	Imidacloprid	ND	0.4	Spinosyn D	<LOQ	0.2
Chlorpyrifos	ND	0.2	Kresoxim-methyl	ND	0.4	Spiromesifen	ND	0.2
Clofentazine	ND	0.2	Malathion A	ND	0.2	Spirotetramat	ND	0.2
Cyfluthrin	ND	1.0	Metalaxyl	ND	0.2	Thiacloprid	ND	0.2
Dichlorvos	ND	0.1	Methiocarb	ND	0.2	Thiamethoxam	ND	0.2
Daminozide	ND	1.0	Methomyl	ND	0.4	Trifloxystrobin	ND	0.2
Diazinon	ND	0.2	Myclobutanil	ND	0.2			

Sample collection methods and the uncertainty of measurement associated with results reported in this certificate are available upon request. Cannabinoids were quantified with an HPLC/DAD system on: 27-Dec-2022. Terpenes were quantified with a GC-MS system on: 27-Dec-2022. Mycotoxins and Pesticides were quantified with an LCMS system on: 26-Dec-2022 and 26-Dec-2022 respectively. Heavy Metals were quantified with an ICPMS system on: 27-Dec-2022. Water activity was quantified with a water activity meter on: 27-Dec-2022. Moisture content was quantified by Loss on Drying on: 27-Dec-2022. Sampled in accordance with PRO.S.106D Sampling NJ. Unless otherwise indicated, results were reviewed and verified by the Lab Director, and issuance of this CoA was authorized by the Lab Director. Action limits set according to New Jersey CRC. Results valid only for the exact material sampled and analyzed. Specimens stored in a cool, dry place if not analyzed immediately. Abbreviation Key: ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantitation, ppb = parts per billion, ppm = parts per million, UOM = unit of measure, NEG = Negative.

Approved By: *Zachary Roy* 27-Dec-2022

