PROVERDE LABORATORIES

Test Certificate

Certificate ID: **87800**
Client Sample ID: **Lifter**
Lot Number: **Lifter 10/1/20**
Matrix: **Flowers/Bud - Dry Flower**

Received: **10/5/20**

Scan QR Code for authenticity

Hunger Mtn Hemp
PO BOX 404
Waterbury, VT 05676
Attn: Justin Michaels

Authorization:	Signature:	Date:
Chris Hudalla, Chief Science Officer	Christopher Hudalla	11/5/2020

PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

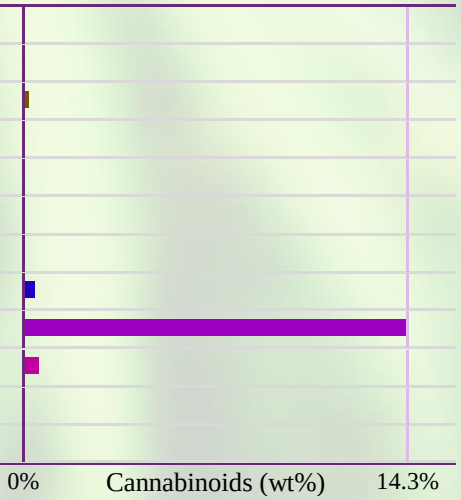
CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: JFD *Test Date: 10/16/2020*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

87800-CN

ID	Weight %	Concentration (mg/g)
D9-THC	0.0246	0.246
THCV	ND	ND
CBD	0.221	2.21
CBDV	ND	ND
CBG	0.0434	0.434
CBC	0.0176	0.176
CBN	ND	ND
THCA	0.417	4.17
CBDA	14.3	143
CBGA	0.569	5.69
D8-THC	ND	ND
exo-THC	ND	ND
Total	15.6	156
Max THC	0.391	3.91
Max CBD	12.8	128



Ratio of Total CBD to THC 32.7:1

Limit of Quantitation (LOQ) = 0.0067 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

HM: Heavy Metal Analysis [WI-10-13]

Analyst: CJS *Test Date: 10/14/2020*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

87800-HM

Symbol	Metal	Conc. [1] (µg/kg)	RL	Use Limits [2] (µg/kg) All	Use Limits [2] (µg/kg) Ingestion	Status
As	Arsenic	ND	50.0	200	1,500	PASS
Cd	Cadmium	ND	50.0	200	500	PASS
Hg	Mercury	ND	50.0	100	1,500	PASS
Pb	Lead	70.0	50.0	500	1,000	PASS

1) ND = None detected above the indicated Reporting Limit (RL)
2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.
3) USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

MY: Mycotoxin Testing [WI-10-05]

Analyst: AEG *Test Date: 10/30/2020*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

87800-MY

Test ID	Date	Results	MDL	Limits	Status*
Total Aflatoxin	10/30/2020	< MDL	2 ppb	< 20 ppb	PASS
Total Ochratoxin	10/30/2020	< MDL	3 ppb	< 20 ppb	PASS

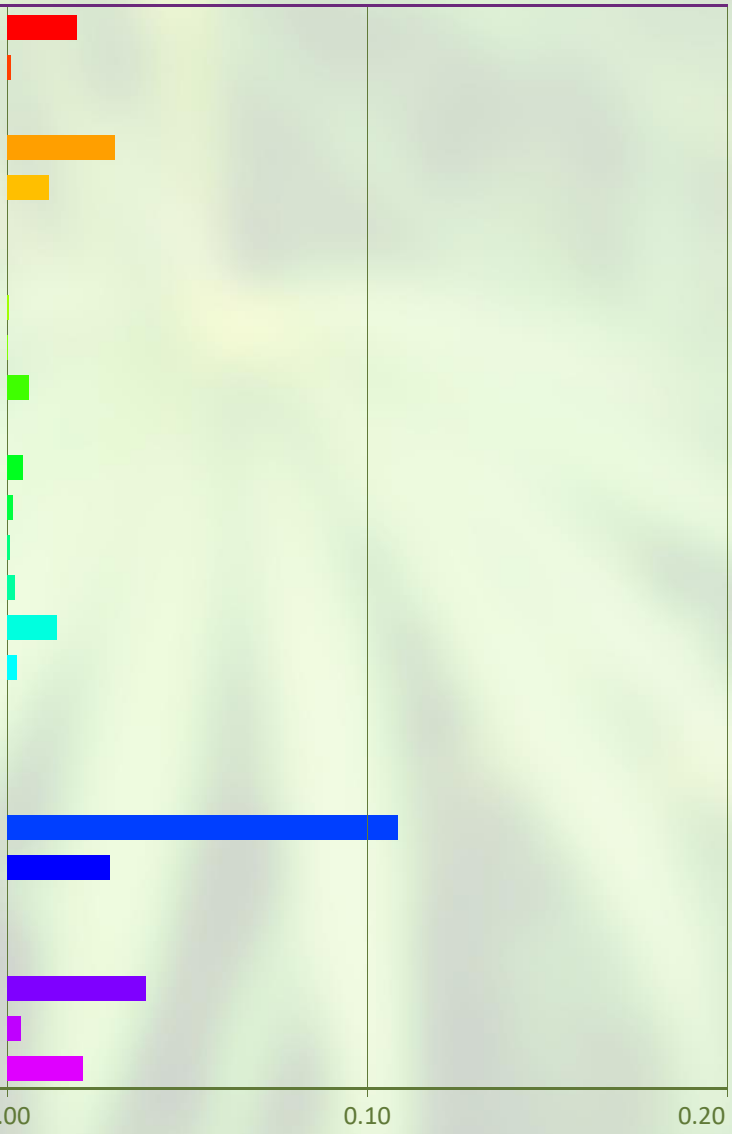
TP: Terpenes Profile [WI-10-27] *Analyst: AEG* *Test Date: 10/17/2020*

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

87800-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)
alpha-pinene	80-56-8	0.0193	193
camphene	79-92-5	0.0009	8.66
sabinene*	3387-41-5	ND	ND
beta-myrcene	123-35-3	0.0299	299
beta-pinene	127-91-3	0.0114	114
alpha-phellandrene	99-83-2	ND	ND
delta-3-carene	13466-78-9	ND	ND
alpha-terpinene	99-86-5	<RL	<RL
alpha-ocimene	502-99-8	<RL	<RL
D-limonene	138-86-3	0.0059	58.8
p-cymene	99-87-6	ND	ND
cis-beta-ocimene	3338-55-4	0.0043	43.1
eucalyptol	470-82-6	0.0016	15.7
gamma-terpinene	99-85-4	0.0006	5.79
terpinolene	586-62-9	0.0020	20.0
linalool	78-70-6	0.0137	137
L-fenchone*	7787-20-4	0.0027	26.5
isopulegol	89-79-2	ND	ND
menthol*	89-78-1	ND	ND
geraniol	106-24-1	ND	ND
beta-caryophyllene	87-44-5	0.108	1,080
alpha-humulene	6753-98-6	0.0284	284
cis-nerolidol	3790-78-1	ND	ND
trans-nerolidol	40716-66-3	ND	ND
guaiol	489-86-1	0.0384	384
caryophyllene oxide	1139-30-6	0.0037	36.6
alpha-bisabolol	23089-26-1	0.0209	209

Qualitative Profile



Total Terpene: 0.3 wt%

* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

END OF REPORT