PROVERDE LABORATORIES

Certificate of Analysis

Certificate ID: **112807 (Reissued)** Received: **1/17/23**

Client Sample ID: **PM Blend**

Lot Number: **4**

Matrix: **Tincture/Infused Oil-MCT Oil**

Scan QR Code for authenticity

Farmacology
161 Springfield Ave.
Rutherford, NJ 07070

Authorization:	Signature:	Date:
Andrew Aubin, Lab Director		1/20/2023

PJLA Testing
Accreditation
80585

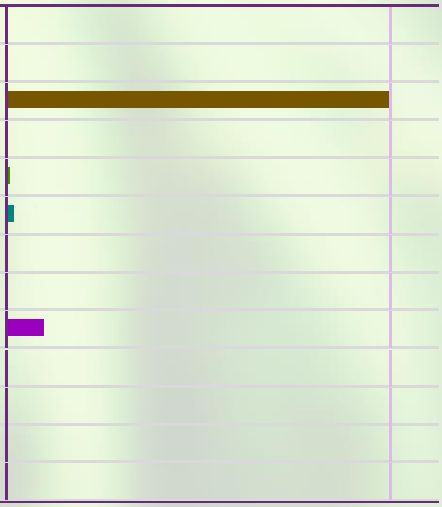
The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the 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: SD* *Test Date: 1/18/2023*

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.

112807-CN

ID	Weight %	Concentration (mg/mL)
Δ9-THC	<LOQ	<LOQ
THCV	ND	ND
CBD	1.96	18.1
CBDV	ND	ND
CBG	0.0159	0.147
CBC	0.0358	0.331
CBN	<LOQ	<LOQ
THCA	ND	ND
CBDA	0.191	1.77
CBGA	ND	ND
CBDVA	ND	ND
Δ8-THC	ND	ND
exo-THC	ND	ND
Total	2.20	20.4
Max THC	<LOQ	<LOQ
Max CBD	2.13	19.7



Limit of Quantitation (LOQ) = 0.0114 wt%
Limit of Detection (LOD) = 0.0038 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 Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

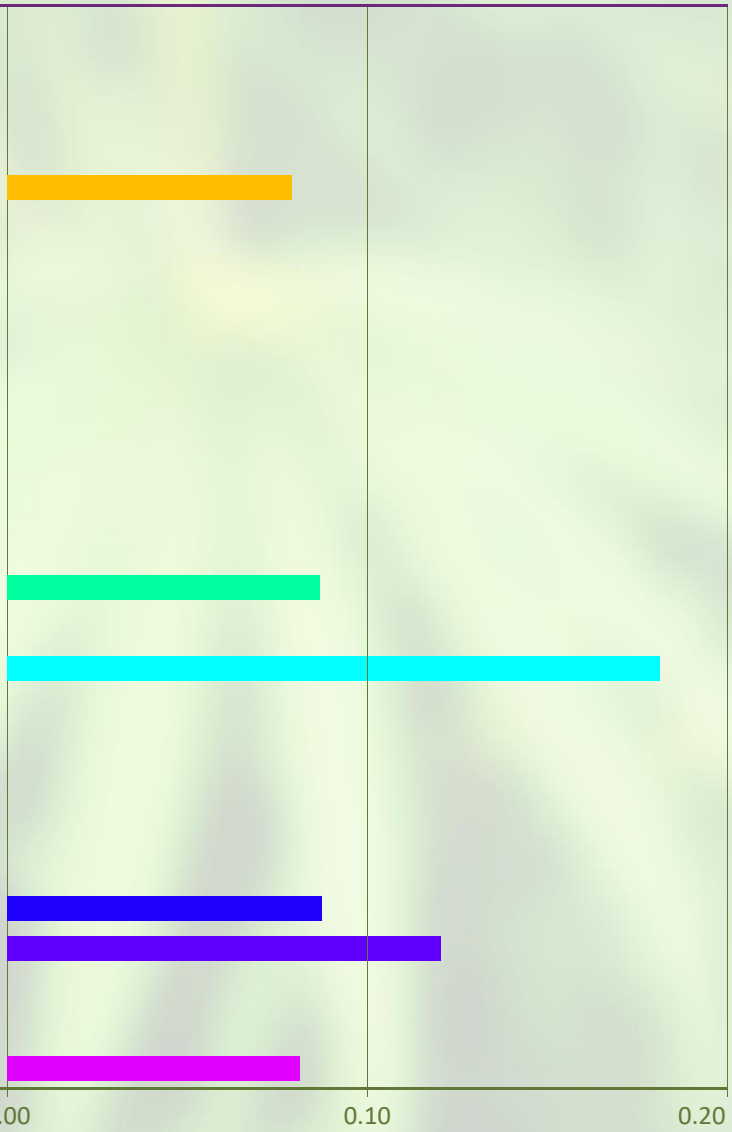
TP: Terpenes Profile [WI-10-37] *Analyst: CS* *Test Date: 1/18/2023*

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation or solvent extraction followed by 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.

112807-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)
alpha-pinene	80-56-8	ND	ND
camphene	79-92-5	ND	ND
sabinene	3387-41-5	ND	ND
beta-pinene	127-91-3	ND	ND
beta-myrcene	123-35-3	0.0790	790
alpha-phellandrene	99-83-2	ND	ND
delta-3-carene	13466-78-9	ND	ND
alpha-terpinene	99-86-5	ND	ND
p-cymene	99-87-6	ND	ND
D-limonene	5989-27-5	ND	ND
eucalyptol	470-82-6	ND	ND
alpha-ocimene	502-99-8	ND	ND
beta-ocimene	13877-91-3	ND	ND
gamma-terpinene	99-85-4	ND	ND
terpinolene	586-62-9	0.0867	867
L-fenchone	7787-20-4	ND	ND
linalool	78-70-6	0.181	1,810
isopulegol	89-79-2	ND	ND
menthol	89-78-1	ND	ND
geraniol	106-24-1	ND	ND
beta-caryophyllene	87-44-5	ND	ND
alpha-humulene	6753-98-6	ND	ND
cis-nerolidol	3790-78-1	0.0874	874
trans-nerolidol	40716-66-3	0.120	1,200
caryophyllene oxide	1139-30-6	ND	ND
guaiol	489-86-1	ND	ND
alpha-bisabolol	23089-26-1	0.0811	811

Qualitative Profile



Total Terpene: 0.6 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