

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.

114715-CN			
ID	Weight %	Concentration (mg/mL)	
Δ9-THC	ND	ND	
THCV	ND	ND	
CBD	6.13	58.2	
CBDV	0.0258	0.245	
CBG	0.237	2.25	
CBC	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBN	1.06	10.1	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
CBDVA	ND	ND	
∆8-THC	ND	ND	
exo-THC	ND	ND	
Total	7.45	70.8	0% Cannabinoids (wt%) 6.13%
Max THC	ND	ND	Limit of Quantitation (LOQ) = 0.0111 wt%
Max CBD	6.13	58.2	Limit of Detection (LOD) = 0.0037 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 = $(0.877 \times THCA) + THC$. 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.

HM: Heavy Metal Analysis [WI-10-13]Analyst: ZDVTest Date: 3/27/2023

This sample was analyzed by elemental analysis using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for the identification of heavy metal constituents. External calibration curves for heavy metals were used for quantitation, with an additional internal reference standard. Resulting data was compared with a sample blank. 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.

114715-НМ

Symbol	Metal	Conc. ¹ (µg/kg)	RL	Use Limits ² (µg/kg)	Status
As	Arsenic	ND	50.0	1,500	PASS
Cd	Cadmium	ND	50.0	500	PASS
Hg	Mercury	ND	50.0	1,500	PASS
Pb	Lead	ND	50.0	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: BB	Test Date: 3/28/2023
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This sample was analyzed for mycotoxins using an Immunoaffinity based assay (IA). Data was compared to readings from standard reference materials. 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.

114715-MY

Test ID	Date	Results	MDL	Limits	Status*	
Total Aflatoxin	3/28/2023	< MDL	2 ppb	< 20 ppb	PASS	
Total Ochratoxin	3/28/2023	4.9	3 ppb	< 20 ppb	PASS	

PST: Pesticide Analysis [W1-10-11] Analysis: CJR Test Date: 3/25/2023	PST: Pesticide Analysis [WI-10-11]	Analyst: CJR	Test Date: 3/25/2023
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The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

114715-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	10	PASS
Azoxystrobin	131860-33-8	ND	ppb	0.10	100	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	100	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	3000	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	2000	PASS
Dichlorvos	62-73-7	ND	ppb	3.00	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.10	100	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	5000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	100	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.10	3000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.10	10	PASS
Spinosad	168316-95-8	ND	ppb	0.10	10	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	100	PASS
Spirotetramat	203313-25-1	ND	ppb	0.10	100	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	100	PASS

* Pesticide results reported against action limits established by the State of California Bureau of Cannabis Control, California Code of Regulations Title 16, Division 42. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample due to matrix interference.

TP: Terpenes Profile [WI-10-37]Analyst: CSTest Date: 3/23/2023

The sample was analyzed for terpenes (WI-10-37) utilizing solvent extraction followed by Gas Chromatography (GC) utilizing flame ionization detection (FID). Chromatographic data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

114715-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	ND	ND	
camphene	79-92-5	ND	ND	
sabinene	3387-41-5	ND	ND	
beta-pinene	127-91-3	0.0242	242	
beta-myrcene	123-35-3	ND	ND	
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	0.219	2,190	
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	0.0297	298	
L-fenchone	7787-20-4	ND	ND	
terpinolene	586-62-9	ND	ND	
linalool	78-70-6	ND	ND	
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	ND	ND	
trans-nerolidol	40716-66-3	ND	ND	
caryophyllene oxide	1139-30-6	ND	ND	
guaiol	489-86-1	ND	ND	
alpha-bisabolol	23089-26-1	ND	ND	
Total Terpene: 0.3 v	vt%		wt% 0.	.00 0.25 0.50

* 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