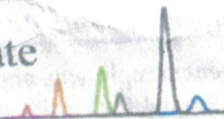


610c



ID: 57360

Received: 6/18/19

Scan QR Code for authenticity



ID: Solid

Lot Number:

Matrix: Concentrates/Extracts - Distillate



Authorization: Scott Eaton, Lab Manager	Signature: 	Date: 6/24/2019
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The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2005. 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: LCH Test Date: 6/18/2019

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.

57360-CN

ID	Weight %	Concentration		
D9-THC	ND	ND		
THCV	ND	ND		
CBD	86.69 wt %	866.88 mg/g		
CBDV	0.45 wt %	4.48 mg/g		
CBG	ND	ND		
CBC	ND	ND		
CBN	ND	ND		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	87.14 wt%	871.37 mg/g	0%	Cannabinoids (wt%) 86.7%
Max THC	-	-		
Max CBD	86.69 wt%	866.88 mg/g		

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 (LLD)

Batch 6024/01 - card correct

Certificate ID: **57360**

Received: **6/18/19**

Scan QR Code for authenticity



Client Sample ID: **Solid**

Lot Number:

Matrix: **Concentrates/Extracts - Distillate**



Authorization: Scott Eaton, Lab Manager	Signature: 	Date: 6/24/2019
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The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2005. 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: **LCH**

Test Date: **6/18/2019**

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.

57360-CN

ID	Weight %	Concentration	
D9-THC	ND	ND	
THCV	ND	ND	
CBD	86.69 wt %	866.88 mg/g	
CBDV	0.45 wt %	4.48 mg/g	
CBG	ND	ND	
CBC	ND	ND	
CBN	ND	ND	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	87.14 wt%	871.37 mg/g	0% Cannabinoids (wt%) 86.7%
Max THC	-	-	
Max CBD	86.69 wt%	866.88 mg/g	

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: $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

Batch **024/01** - card **corame**

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

57360-TP

Compound	wt%	Quantitative Profile	Compound	wt%	Quantitative Profile
Ocimene			B-pinene		
Myrcene	0.004		Eucalyptol		
Isopulegol	0.009		A-terpinene		
Linalool	0.019		3-carene	0.004	
B-caryophyllene	0.151		A-pinene		
Humulene	0.057		Limonene	0.002	
P-cymene			Terpinolene		
Camphene			G-terpinene		
wt% 0.00		0.10	0.20	0.00	
				0.10	
				0.20	

Total Terpene: 0.3 wt%

VC: Analysis of Volatile Organic Compounds [WI-10-07]

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

57360-VC

Compound	CAS	Amount ¹	Limit ²	RL	Status
Propane	74-98-6	ND	1,000 ppm	10	PASS
Isobutane	75-28-5	ND	1,000 ppm	10	PASS
Butane	106-97-8	ND	1,000 ppm	10	PASS
Methanol	67-56-1	ND	3,000 ppm	5	PASS
Ethanol	64-17-5	85 ppm	5,000 ppm	5	PASS
Acetone	67-64-1	ND	5,000 ppm	5	PASS
Isopropanol	67-63-0	ND	5,000 ppm	5	PASS
Acetonitrile	75-05-8	ND	410 ppm	5	PASS
Hexane	110-54-3	ND	290 ppm	10	PASS
Heptane	142-82-5	ND	5,000 ppm	5	PASS

1) ND = Not detected at a level greater than the Reporting Limit (RL).

2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

END OF REPORT