

Certificate ID: **54982**

 Received: **5/20/19**

 Scan QR Code
 for authenticity

CraftXtract

 Client Sample ID: **CraftXtract**
_Colorado Craft

 Lot Number: **GFT125C**
Boulder CO 80304

 Matrix: **Tincture - MCT Oil**
Attn: Chris Keig

Authorization:

Jon Podgorni, Lab Manager

Signature:



Date:

5/30/2019



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2005. 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: *LG*

 Test Date: *5/23/2019*

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.

54982-CN

ID	Weight %	Concentration		
D9-THC	0.07 wt %	0.63 mg/mL		
THCV	ND	ND		
CBD	1.73 wt %	16.10 mg/mL		
CBDV	0.01 wt %	0.13 mg/mL		
CBG	0.06 wt %	0.52 mg/mL		
CBC	0.13 wt %	1.25 mg/mL		
CBN	ND	ND		
THCA	ND	ND		
CBDA	0.07 wt %	0.66 mg/mL		
CBGA	0.00 wt %	0.04 mg/mL		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	2.08 wt%	19.33 mg/mL	0%	Cannabinoids (wt%) 1.7%
Max THC	0.07 wt%	0.63 mg/mL		
Max CBD	1.79 wt%	16.67 mg/mL		

Ratio of Total CBD to THC 26.3:1

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 (LLD)

EA: Elemental Analysis [WI-10-13]

Analyst: JFD

Test Date: 5/24/2019

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.

54982-EA

Symbol	Metal	Conc. ¹	MDL	Limits ²	Status
Al	Aluminum	1,336 ug/kg	5 ug/kg	-	
As	Arsenic	ND	4 ug/kg	150 ug/kg	PASS
Cd	Cadmium	ND	1 ug/kg	150 ug/kg	PASS
Ca	Calcium	5,500 ug/kg	500 ug/kg	-	
Cr	Chromium	22 ug/kg	5 ug/kg	2500 ug/kg	PASS
Co	Cobalt	ND	10 ug/kg	-	
Cu	Copper	549 ug/kg	500 ug/kg	10000 ug/kg	PASS
Fe	Iron	803 ug/kg	5 ug/kg	-	
Pb	Lead	4 ug/kg	2 ug/kg	500 ug/kg	PASS
Mg	Magnesium	13,125 ug/kg	500 ug/kg	-	
Mn	Manganese	ND	500 ug/kg	-	
Hg	Mercury	ND	2 ug/kg	150 ug/kg	PASS
Mo	Molybdenum	ND	50 ug/kg	1000 ug/kg	PASS
Ni	Nickel	ND	50 ug/kg	150 ug/kg	PASS
P	Phosphorus	21,582 ug/kg	500 ug/kg	-	
K	Potassium	22,189 ug/kg	5 ug/kg	-	
Se	Selenium	ND	10 ug/kg	-	
Ag	Silver	ND	10 ug/kg	-	
S	Sulfur	ND	5 ug/kg	-	
Sn	Tin	ND	5000 ug/kg	-	
Zn	Zinc	367 ug/kg	5 ug/kg	-	

1) ND = None detected to the Method Detection Limit (MDL)

2) USP recommended maximum daily limits for inhalational drug product.

PST: Pesticide Analysis [WI-10-11]

Analyst: RAS

Test Date: 5/30/2019

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).

54982-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin B1a	65495-55-3	ND	ppb	0.20	300	PASS
Abamectin B1b	65195-56-4	ND	ppb	0.20	300	*
Azoxystrobin	131860-33-8	ND	ppb	0.10	40000	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	5000	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	500	*
Cyfluthrin	68359-37-5	ND	ppb	0.50	1000	*
Daminozide	1596-84-5	ND	ppb	10.00	10	*
Etoxazole	153233-91-1	ND	ppb	0.10	1500	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	3000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	9000	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.10	8000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.1	1000	PASS
Spinosad	168316-95-8	ND	ppb	0.1	3000	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	12000	PASS
Spirotetramat	203313-25-1	ND	ppb	0.10	13000	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	30000	PASS

* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. 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.

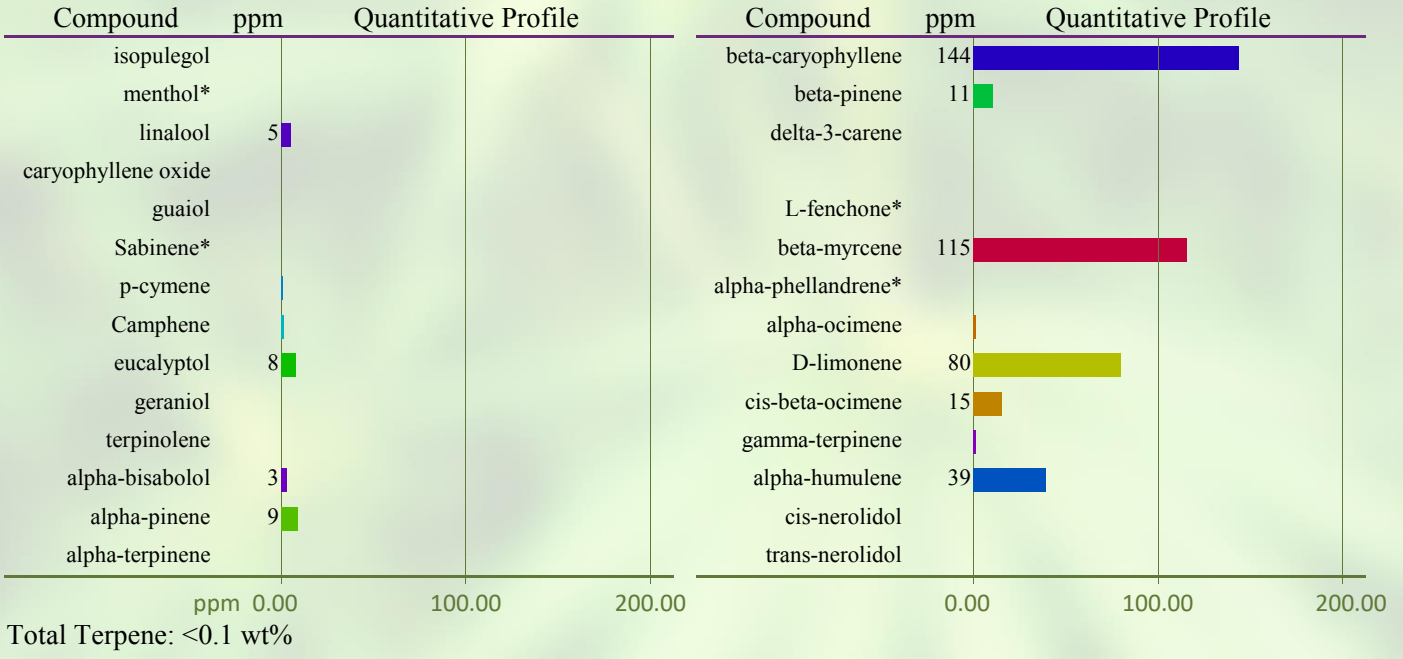
TP: Terpenes Profile [WI-10-08]

Analyst: CMA

Test Date: 5/25/2019

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 qualitative based on recorded peak areas

54982-TP



END OF REPORT