

Testing Accreditation #: 77802

Test Certificate #: 114037-001

Client Name, Sample Details
Sample: Liquid Hemp Extract CHR-FS-01.MCT [1500122118](#)
Type: Infused Product
Method: FE04M HPLC1100-1

Test Conditions
Scale: XS205-MI2
Temp: 21.3 °C
Baro Pressure: 987 hPa
Analyst: MEH
Technician: JRT

Sample ID#: 114037
Process Date: 12/26/2018
Serving Size (g): 1
Date Received: 12/27/2018
Test Date: 12/27/2018
Valid Through: 12/27/2019



Test Compounds	CBDV*	CBDA	CBD	CBC*	CBG*	CBN	THC	THCA	THCV*		Calc. Max	CBD Decarb. %	THC Decarb. %
Amount	0.6 mg/g	N/D	56.4 mg/g	2.2 mg/g	N/D	N/D	2.0 mg/g	N/D	N/D	THC	2.0 mg/g	100%	100%
LOQ	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	0.2 mg/g	CBD	56.4 mg/g	-	-
Amount per Serving~	0.6 mg/srv	N/D	56.4 mg/srv	2.2 mg/srv	N/D	N/D	2.0 mg/srv	N/D	N/D	-	Serving Size~ (g):	1.00 g	-
Uncertainty	±5%RSD	±5%RSD	±5%RSD	±5%RSD	±5%RSD	±5%RSD	±5%RSD	±5%RSD	±5%RSD	-	-	-	-

1 serving = 1 gram (declared)

LOQ = Limit of Quantitation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates compounds that are not currently included in Iron Laboratories' accredited scope.


*** Designates tests that use the method FE-45.

Calc. Max is the calculated sum of CBD or THC and the amount of CBD or THC derived from CBDA or THCA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the CBDA or THCA value.

THC and CBD Decarb. % refers to the percentage of THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only.

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Mackenzie E. Hyman, Quality Manager




Andrea C. Ruppel, Lab Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2005 Testing Laboratory laboratory, accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390



Certificate of Analysis

Powered by Confident Cannabis

4439 Polaris Ave
Las Vegas, NV
(702) 728-5180
www.dblabslv.com

Sample: 1901DBL0076.0268

METRC Sample:
Lot #: CHS-FS-01

Strain: N/A
Ordered: 01/09/2019; Sampled: 01/10/2019; Completed: 01/17/2019

Sample

Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



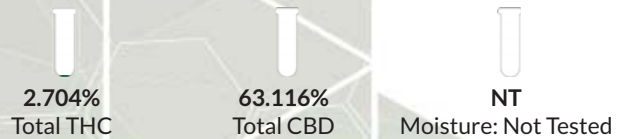
Solvents

Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.022	0.389	3.89	
α-Humulene	0.022	0.205	2.05	
cis-Nerolidol	0.014	0.074	0.74	
α-Bisabolol	0.022	0.041	0.41	
Linalool	0.022	0.028	0.28	
Isopulegol	0.022	0.026	0.26	
trans-Nerolidol	0.008	0.012	0.12	
α-Pinene	0.022	<LOQ	<LOQ	
α-Terpinene	0.022	<LOQ	<LOQ	
β-Myrcene	0.022	<LOQ	<LOQ	
β-Pinene	0.022	<LOQ	<LOQ	
Camphene	0.022	<LOQ	<LOQ	
Caryophyllene Oxide	0.022	<LOQ	<LOQ	
cis-Ocimene	0.014	<LOQ	<LOQ	
δ-3-Carene	0.022	<LOQ	<LOQ	
δ-Limonene	0.022	<LOQ	<LOQ	
Eucalyptol	0.022	<LOQ	<LOQ	
γ-Terpinene	0.022	<LOQ	<LOQ	
Guaiol	0.022	<LOQ	<LOQ	
p-Cymene	0.022	<LOQ	<LOQ	
Terpinolene	0.022	<LOQ	<LOQ	
trans-Ocimene	0.008	<LOQ	<LOQ	

Cannabinoid Relative Concentration



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.025	<LOQ	<LOQ	
CBCa	0.025	0.079	0.79	
CBD	0.025	62.980	629.80	
CBDa	0.025	0.155	1.55	
CBDV	0.025	0.100	1.00	
CBDVa	0.025	0.287	2.87	
CBG	0.025	<LOQ	<LOQ	
CBGa	0.025	0.965	9.65	
CBL	0.025	0.150	1.50	
CBN	0.025	<LOQ	<LOQ	
Δ8-THC	0.025	<LOQ	<LOQ	
Δ9-THC	0.025	2.704	27.04	
THCa	0.025	<LOQ	<LOQ	
THCV	0.025	0.134	1.34	
THCVa	0.025	0.100	1.00	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

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Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested, PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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METRC Sample:
Lot #: CHS-FS-01

Strain: N/A
Ordered: 01/09/2019; Sampled: 01/10/2019; Completed: 01/17/2019

Sample

Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol



Pesticides

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	50	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	15000	<LOQ	Pass
Bifenthrin	10	50	<LOQ	Pass
Cyfluthrin	10	4000	<LOQ	Pass
Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclbutrazol	10	50	<LOQ	Pass
Piperonyl Butoxide	10	10000	<LOQ	Pass
Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
Thiamethoxam	10	20	<LOQ	Pass
Trifloxystrobin	10	11000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	10	100	<LOQ	Pass
Yeast & Mold	100	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
Aspergillus	Not Detected	Pass
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	6.6	Pass
Ochratoxin A	2.0	20.0	5.4	Pass

Heavy Metals

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	49	2000	<LOQ	Pass
Cadmium	49	820	<LOQ	Pass
Lead	49	1200	495	Pass
Mercury	49	400	<LOQ	Pass

Residual Solvents

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	141	500	<LOQ	Pass
Heptanes	141	500	<LOQ	Pass
Propane	141	500	<LOQ	Pass
Ethanol	141	N/A	131	Tested



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