

Certificate of Analysis

These test results are for Research and Development purposes only

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Horn Creek Hemp

Sample Special Sauce

Strain

<LOQ	14.14%	16.49%
$\Delta 9$ THC	Total CBD	Total Cannabinoids
Not tested	Pass	164.9
Water Activity	11.17	mg / g Total Cannabinoids
	Moisture	



Sample ID

22110990529

Matrix

Flower

Metric

Harvest/Prod Date

Report Created

11/22/2022

Results Valid Until

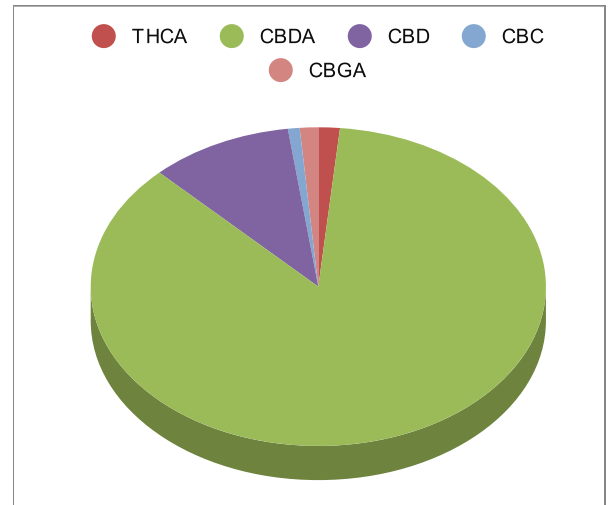
11/22/2023

Sample Extracted
11/17/2022 17:15

Sample Analyzed
11/18/2022 13:53

Method SOP LO001-R10

Cannabinoids	%Weight	mg/ gram	LOQ(% /w)
$\Delta 9$ THC	<LOQ	<LOQ)	0.06
THCA	0.25	2.5	0.06
Total THC ($_{THCA*0.877}+9_{THC}$)	0.22	2.2	0.11
CBDA	14.21	142.1	0.06
CBD	1.68	16.8	0.06
CBN	<LOQ	<LOQ)	0.06
$\Delta 8$ THC	<LOQ	<LOQ)	0.06
‡ CBC	0.14	1.4	0.06
‡ CBGA	0.22	2.2	0.06
‡ CBG	<LOQ	<LOQ)	0.06
‡ CBDV	<LOQ	<LOQ)	0.06
‡ CBDVA	<LOQ	<LOQ)	0.06
‡ THCVA	<LOQ	<LOQ)	0.06
‡ CBDQ	<LOQ	<LOQ)	0.06



Total THC and Total CBD are calculated values per OAR 333-064-0100. Cannabinoid values for plant matter samples are reported on a dry weight basis. Water activity action level is 0.65Aw. LOQ= Limit of Quantitation. NR=Not Reported.

- Lab Director

11/22/22

Results pertain to submitted samples only. [Redacted] makes no claims as to the consumer safety or other risks associated with any detected or non-detected amounts of any pesticides, solvents or other adulterants. This report shall not be reproduced, unless in its entirety, without written approval from [Redacted]. Samples were received in good condition and all QC samples met acceptance criteria of the method; data available upon request. Analytes accompanied by dagger (‡) are not within the scope of accreditation and are for informational purposes only.

Special Sauce
N/A
Sample Type : Hemp Flower

Certificate of Analysis

Sample : CE11020006-003
Harvest/LOT ID: N/A

Batch# : N/A
Sampled : 10/20/21
Ordered : 10/20/21

Sample Size Received : 3 gram
Total Weight/Volume : N/A
Completed : 10/25/21 Expires: 10/25/22
Sample Method : SOP-024





Terpenes

TESTED

Terpenes	LOQ(mg/g)	Result (mg/g)	Result	Terpenes	LOQ(mg/g)	Result (mg/g)	Result
TRANS-CARYOPHYLLENE	0.08	3.651		TERPINOLENE	0.08	<LOQ	
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.08	0.113		LINALOOL	0.08	0.284	
CAMPHOR	0.08	<LOQ		GERANIOL	0.08	<LOQ	
(1R)-(+)-CAMPHOR	0.08	<LOQ		GAMMA-TERPINENE	0.08	<LOQ	
(1S)-(-)-CAMPHOR	0.08	<LOQ		EUCALYPTOL	0.08	<LOQ	
HEXAHYDROTHYMOL (L-MENTHOL)	0.08	<LOQ		(-)-ALPHA-BISABOLOL	0.08	1.063	
TERPINEOL	0.08	0.101		(-)-ISOPULEGOL	0.08	<LOQ	
NEROL	0.08	<LOQ		(-)-CARYOPHYLLENE	0.08	0.125	
(+)-PULEGONE	0.08	<LOQ		OXIDE			
GERANYL ACETATE	0.08	<LOQ		ISOBORNEOL	0.08	<LOQ	
ALPHA-CEDRENE	0.08	<LOQ		CAMPHERE	0.08	<LOQ	
ALPHA-HUMULENE	0.08	1.597					
VALENCENE	0.08	<LOQ					
ALPHA FARNESENE	0.02	1.315					
BETA FAMESENE	0.059	4.553					
CIS-NEROLIDOL	0.08	<LOQ					
TRANS-NEROLIDOL	0.08	<LOQ					
GUAJOL	0.02	0.719					
(+)-CEDROL	0.08	<LOQ					
BETA-PINENE	0.08	1.578					
FENCHONE	0.08	<LOQ					
ALPHA-TERPINENE	0.08	<LOQ					
SABINENE HYDRATE	0.08	<LOQ					
BETA-OCIMENE, CIS-OCIMENE	0.012	0.039					
TRANS-BETA-OCIMENE	0.067	<LOQ					
(R)-(+)-LIMONENE	0.08	1.024					
(1S)-(+)-3-CARENE	0.08	<LOQ					
P-MENTHA-1,5-DIENE (ALPHA-PHELLANDRENE)	0.08	<LOQ					
BETA-MYRCENE	0.08	14.902					
SABINENE	0.08	<LOQ					
A-PINENE	0.08	4.528					
Total (mg/g)		35.592					


Terpenes
TESTED

Analyzed by	Weight	Extraction date	Extracted By
12	3051g	10/21/21 03:10:25	12

Analysis Method - SOP-T.40.090
 Analytical Batch - CE000471TER
 Instrument Used : GCMS-QP2020 EID:0170
 Running On : 10/21/21 15:24:58
 Batch Date : 10/21/21 15:19:33

Reagent	Dilution	Consums. ID
	80	

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) using Method SOP-T.40.091 Terpenoid Analysis Via GC-MS

This report shall not be reproduced, unless in its entirety, without written approval from [redacted]. This report is an [redacted] certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC In-control QC parameter, NC Non-controlled QC parameter, ND Not Detected, NA Not Analyzed, ppm Parts Per Million, ppb Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Lab Director
State License #
010-10166277B9D
ISO Accreditation # 99861


 Signature

10/25/21
 Signed On