

These test results are for Research and Development purposes only

Page 1 of 1

Horn Creek Hemp

Sample Suver Haze

Strain

<LOQ	14.53%	17.01%
Δ9 THC	Total CBD	Total Cannabinoids
Not tested	Pass	170.1
Water Activity	10.79	mg / g Total Cannabinoids

Sample ID **22110990531**

Matrix Flower

Metric

Harvest/Prod Date

Report Created **11/22/2022**

Results Valid Until

11/22/2023

Sample Extracted

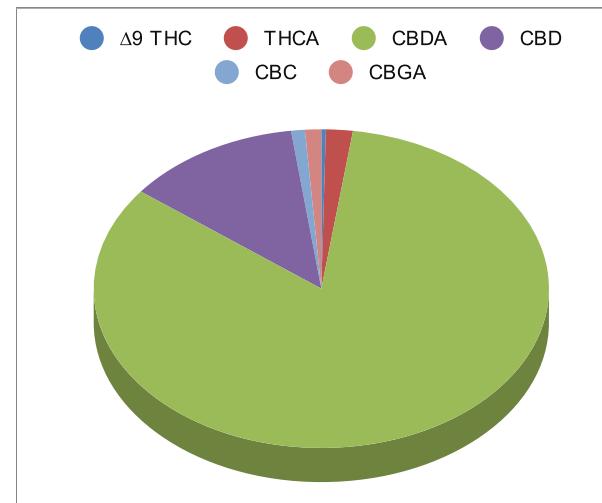
11/17/2022 17:15

Sample Analyzed

11/18/2022 14:17

Method SOP LO001-R10

Cannabinoids	%Weight	mg/ gram	LOQ(% / w)
Δ9 THC	<LOQ	<LOQ)	0.06
THCA	0.32	3.2	0.06
Total THC (THCA*0.877)+9THC	0.34	3.4	0.11
CBDA	14.15	141.5	0.06
CBD	2.12	21.2	0.06
CBN	<LOQ	<LOQ)	0.06
Δ8 THC	<LOQ	<LOQ)	0.06
‡ CBC	0.17	1.7	0.06
‡ CBGA	0.20	2.0	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.

Rogue Research Lab LLC
218 E. Main Street, Rogue River, OR 97537
Tel. 541-582-1962
ORELAP 4107 OLCC 101050708B
rogueresearchlab.com


Craig Berry - Lab Director
11/22/22


ROGUE RESEARCH LAB

Results pertain to submitted samples only. Rogue Research Lab LLC 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 Rogue Research Lab LLC. 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.



Certificate of Analysis

Horn Creek Hemp

 P.O.Box 517
 Jacksonville, OR, 97530, US
 Telephone: (541) 261-4900
 Email: sales@horncreekhemp.com
 License #: R&D

Sample : CE11020006-001

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

Page 2 of 4



Terpenes

TESTED

Terpenes	LOQ(mg/g)	Result (mg/g)	Result
TRANS-CARYOPHYLLENE	0.08	3.137	
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.08	<LOQ	
CAMPHOR	0.08	<LOQ	
(1R)-(+)-CAMPHOR	0.08	<LOQ	
(1S)-(-)-CAMPHOR	0.08	<LOQ	
HEXAHYDROTHYMOL (L-MENTHOL)	0.08	<LOQ	
TERPINEOL	0.08	<LOQ	
NEROL	0.08	<LOQ	
(+)-PULEGONE	0.08	<LOQ	
GERANYL ACETATE	0.08	<LOQ	
ALPHA-CEDRENE	0.08	<LOQ	
ALPHA-HUMULENE	0.08	1.129	
VALENCENE	0.08	<LOQ	
ALPHA FARNESENE	0.02	0.44	
BETA FAMESENE	0.059	1.276	
CIS-NEROLIDOL	0.08	<LOQ	
TRANS-NEROLIDOL	0.08	<LOQ	
GUAIOL	0.02	0.747	
(+)-CEDROL	0.08	<LOQ	
BETA-PINENE	0.08	0.579	
FENCHONE	0.08	<LOQ	
ALPHA-TERPINENE	0.08	<LOQ	
SABINENE HYDRATE	0.08	<LOQ	
BETA-O CIMENE, CIS-O CIMENE	0.012	0.674	
TRANS-BETA-O CIMENE	0.067	0.164	
(R)-(+)-LIMONENE	0.08	0.452	
(1S)-(+)-3-CARENE	0.08	<LOQ	
P-MENTHA-1,5-DIENE (ALPHA-PHELLANDRENE)	0.08	<LOQ	
BETA-MYRCENE	0.08	9.418	
SABINENE	0.08	<LOQ	
A-PINENE	0.08	<LOQ	
Total (mg/g)	18.322		

Terpenes	LOQ(mg/g)	Result (mg/g)	Result
TERPINOLENE	0.08	<LOQ	
LINALOOL	0.08	0.214	
GERANIOL	0.08	<LOQ	
GAMMA-TERPINENE	0.08	<LOQ	
EUCALYPTOL	0.08	<LOQ	
(-)-ALPHA-BISABOLOL	0.08	<LOQ	
(-)-ISOPULEGOL	0.08	<LOQ	
(-)-CARYOPHYLLENE	0.08	0.092	
OXIDE			
ISOBORNEOL	0.08	<LOQ	
CAMPHENENE	0.08	<LOQ	
Terpenes	TESTED		
Analyzed by	Weight	Extraction date	Extracted By
12	498g	10/21/21 03:10:25	12
Analysis Method -SOP.T.40.090			
Analytical Batch -CE000471TER			Reviewed On - 10/22/21 13:56:32
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	
	40		
Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS			

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs 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.

Anthony Smith

Lab Director

State License #

010-1016627789D

ISO Accreditation # 99861

10/25/21

Signature

Signed On