



Certificate of Analysis

Sample:CE11020006-005

Harvest/Lot ID: N/A

Metrc #: N/A

Metrc Source Package #: N/A

Batch Date: N/A

Batch#: N/A

Sample Size Received: 3 gram

Total Weight/Volume: N/A

Retail Product Size: N/A gram

Ordered : 10/20/21

sampled : 10/20/21

Completed: 10/25/21 Expires: 10/25/22

Sampling Method: SOP-024

Oct 25, 2021 | Horn Creek Hemp

License # R&D

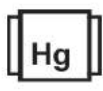
P.O.Box 517

Jacksonville, OR, 97530, US

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PRODUCT IMAGE

SAFETY RESULTS

Pesticides
NOT TESTED

Heavy Metals
NOT TESTED

Microbials
NOT TESTED

Mycotoxins
NOT TESTED

Residuals
Solvents
NOT TESTED

Filtration
NOT TESTED

Water Activity
NOT TESTED

Moisture
TESTED

Homogeneity
NOT TESTED

Terpenes
TESTED

CANNABINOID RESULTS

Total THC
0.968%

Total CBD
16.901%

Total Cannabinoids
22.798%

	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	D9-THC	D8-THC	THCVA	CBC	THCA	CBCA
%	<LOQ	0.091	<LOQ	0.352	18.871	<LOQ	0.649	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.104	1.731
mg/g	<LOQ	0.91	<LOQ	3.52	188.71	<LOQ	6.49	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	11.04	17.31
LOQ	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 13	Weight 0.526g	Extraction date : 10/21/21 03:10:11	Extracted By : 13
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 10/22/21 13:54:11	Batch Date : 10/21/21 15:11:55	
Analytical Batch -CE000470POT	Instrument Used : HPLC 2030 EID 0055 Running On :		

Reagent	Dilution	Consums. ID	Consums. ID
091721.03	400	D01493069 229920161AS1N 436020160AS3 436020338AS2 436021005AS3 C0000642 041CD-041C 042C4-042AL	F148560 0325891

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Instrument LOQ for all cannabinoids is 0.5 mg/mL, LOQ 'in matrix' is dependent on extraction parameters. FD = Field Duplicate; LOQ = Limit of Quantitation.



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 : CE11020006-005
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

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Terpenes

TESTED

Terpenes	LOQ(mg/g)	Result (mg/g)	Result	Terpenes	LOQ(mg/g)	Result (mg/g)	Result
TRANS-CARYOPHYLLENE	0.08	6.492		TERPINOLENE	0.08	<LOQ	
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.08	0.123		LINALOOL	0.08	0.398	
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	0.955	
TERPINEOL	0.08	0.16		(-)-ISOPULEGOL	0.08	<LOQ	
NEROL	0.08	<LOQ		(-)-CARYOPHYLLENE	0.08	0.238	
(+)-PULEGONE	0.08	<LOQ		OXIDE			
GERANYL ACETATE	0.08	<LOQ		ISOBORNEOL	0.08	<LOQ	
ALPHA-CEDRENE	0.08	<LOQ		CAMPENE	0.08	0.082	
ALPHA-HUMULENE	0.08	2.897					
VALENCENE	0.08	<LOQ					
ALPHA FARNESENE	0.02	1.064					
BETA FAMESENE	0.059	3.246					
CIS-NEROLIDOL	0.08	<LOQ					
TRANS-NEROLIDOL	0.08	0.213					
GUAJOL	0.02	0.635					
(+)-CEDROL	0.08	<LOQ					
BETA-PINENE	0.08	1.136					
FENCHONE	0.08	<LOQ					
ALPHA-TERPINENE	0.08	<LOQ					
SABINENE HYDRATE	0.08	<LOQ					
BETA-OCIMENE, CIS-OCIMENE	0.012	0.063					
TRANS-BETA-OCIMENE	0.067	<LOQ					
(R)-(+)-LIMONENE	0.08	0.991					
(1S)-(+)-3-CARENE	0.08	<LOQ					
P-MENTHA-1,5-DIENE (ALPHA-PHELLANDRENE)	0.08	<LOQ					
BETA-MYRCENE	0.08	8.171					
SABINENE	0.08	<LOQ					
A-PINENE	0.08	3.231					
Total (mg/g)		30.095					



Terpenes

TESTED

Analyzed by 12	Weight 528g	Extraction date 10/21/21 03:10:26	Extracted By 12
Analysis Method -SOP.T.40.090		Reviewed On - 10/22/21 13:57:25	
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	Consumers. ID	
	40		
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			



540 E Vilas Rd Suite F
Central Point, OR, 97502, US

Kaycha Labs

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Lifter
N/A
Sample Type : Hemp Flower



Certificate of Analysis

Horn Creek Hemp

P.O.Box 517
Jacksonville, OR, 97530, US
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Email: sales@horncreekhemp.com
License #: R&D

Sample : CE11020006-005

Harvest/LOT ID: N/A

Batch# : N/A

Sampled : 10/20/21

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Sample Size Received : 3 gram

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Completed : 10/25/21 **Expires:** 10/25/22

Sample Method : SOP-024

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	Moisture	TESTED
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Analyte	Analyzed by	Weight Ext. date	LOQ	A.L	Result
MOISTURE CONTENT	13	1.823g 10/21/21	0 %	15%	12.34 %

Analysis Method -
SOP.T.40.011

Batch Date : 10/21/21 15:24:02

Analytical Batch -
CE000472MOI

Reviewed On - 10/22/21 07:42:19

Instrument Used : Sartorius Moisture Content Analyzer MA-160 EID 0164

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Anthony Smith
Lab Director

State License #
010-10166277B9D
ISO Accreditation # 99861

Signature

10/25/21

Signed On



POTENCY BATCH QC REPORT

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METHOD BLANK

Cannabinoid	LOQ	Result	Units
CBDV_WET	0.05	<LOQ	%
CBDVA_WET	0.05	<LOQ	%
THCV_WET	0.05	<LOQ	%
CBD_WET	0.05	<LOQ	%
CBG_WET	0.05	<LOQ	%
CBDA_WET	0.05	<LOQ	%
CBN_WET	0.05	<LOQ	%
CBGA_WET	0.05	<LOQ	%
THCVA_WET	0.05	<LOQ	%
D9-THC_WET	0.05	<LOQ	%
D8-THC_WET	0.05	<LOQ	%
CBC_WET	0.05	<LOQ	%
THCA_WET	0.05	<LOQ	%
CBC-A_WET	0.05	<LOQ	%
TOTAL CANNABINOIDS	0.05	<LOQ	%
TOTAL CBD	0.05	<LOQ	%
TOTAL THC	0.05	<LOQ	%
CBDV	0.05	<LOQ	%
CBDVA	0.05	<LOQ	%
CBG	0.05	<LOQ	%
CBD	0.05	<LOQ	%
CBDA	0.05	<LOQ	%
THCV	0.05	<LOQ	%
CBGA	0.05	<LOQ	%
CBN	0.05	<LOQ	%
D9-THC	0.05	<LOQ	%
D8-THC	0.05	<LOQ	%
THCVA	0.05	<LOQ	%
CBC	0.05	<LOQ	%
THCA	0.05	<LOQ	%
CBCA	0.05	<LOQ	%

 Analytical Batch - CE000470POT
 Instrument Used : HPLC 2030 EID 0055


LCS

Cannabinoid	LOQ	Recovery	Units	Recovery Limits
CBG_WET	0.05	102.5	%	70-130
CBD_WET	0.05	101.5	%	70-130
CBDA_WET	0.05	102.3	%	70-130
THCV_WET	0.05	107.3	%	70-130
CBGA_WET	0.05	101.1	%	70-130
CBN_WET	0.05	105.3	%	70-130
D9-THC_WET	0.05	103.5	%	70-130
CBC_WET	0.05	102.1	%	70-130
THCA_WET	0.05	106.6	%	70-130
CBC-A_WET	0.05	101	%	70-130

 Analytical Batch - CE000470POT
 Instrument Used : HPLC 2030 EID 0055