

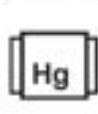

Sample:CE21213001-001
Harvest/Lot ID: N/A
Batch#: N/A
Metric Source Package #: N/A
Metric #: N/A
Batch Date: N/A
Sample Size Received: 14 gram
Total Amount: N/A
Retail Product Size: N/A gram
Ordered : 12/13/22
Sampled : 12/13/22
Completed: 12/16/22
**Sampling Method: SOP.T.20.010.OR; ORELAP
SOP-001 & -002; or Client Sampled**
Pages 1 of 6
Dec 16, 2022 | Horn Creek Hemp
License # R&D

P.O.Box 517

Jacksonville, OR, 97530, US

PRODUCT IMAGE

SAFETY RESULTS

 Pesticides
TESTED

 Heavy Metals
TESTED

 Microbials
NOT TESTED

 Mycotoxins
TESTED

 Residuals Solvents
NOT TESTED

 Filth
NOT TESTED

 Water Activity
NOT TESTED

 Moisture
NOT TESTED

 Homogeneity
Testing
NOT TESTED
MISC.

 Terpenes
NOT TESTED

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Anthony Smith

Lab Director

 State License # 010-10166277B9D
ISO 17025 Accreditation # 99861

12/16/22

Signed On

Signature



Certificate of Analysis

Horn Creek Hemp

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

 Sample : CE21213001-001
 Harvest/Lot ID: N/A

 Batch# : N/A
 Sampled : 12/13/22
 Ordered : 12/13/22

 Sample Size Received : 14 gram
 Total Amount : N/A
 Completed : 12/16/22 Expires: 12/16/23
 Sample Method : SOP.T.20.010.OR; ORELAP
 SOP-001 & -002; or Client Sampled

Page 2 of 6



Pesticides

TESTED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	
ABAMECTIN	0.25	ppm	0.5	TESTED	<LOQ	SPINOSAD	0.1	ppm	0.2	TESTED	<LOQ	
ACEPHATE	0.2	ppm	0.4	TESTED	<LOQ	SPIRONESIFEN	0.1	ppm	0.2	TESTED	<LOQ	
ACEQUINOCYL	1	ppm	2	TESTED	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	TESTED	<LOQ	
ACETAMIPRID	0.1	ppm	0.2	TESTED	<LOQ	SPIROXAMINE	0.2	ppm	0.4	TESTED	<LOQ	
ALDICARB	0.2	ppm	0.4	TESTED	<LOQ	TEBUCONAZOLE	0.2	ppm	0.4	TESTED	<LOQ	
AZOXYSTROBIN	0.1	ppm	0.2	TESTED	<LOQ	THIACLOPRID	0.1	ppm	0.2	TESTED	<LOQ	
BIFENAZATE	0.1	ppm	0.2	TESTED	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	TESTED	<LOQ	
BIFENTHRIN	0.1	ppm	0.2	TESTED	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	TESTED	<LOQ	
BOSCALID	0.2	ppm	0.4	TESTED	<LOQ	MGK-264 *	0.1	ppm	0.2	TESTED	<LOQ	
CARBARYL	0.1	ppm	0.2	TESTED	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	TESTED	<LOQ	
CARBOFURAN	0.1	ppm	0.2	TESTED	<LOQ	CYPERMETHRIN *	0.5	ppm	1	TESTED	<LOQ	
CHLORANTRANILIPROLE	0.1	ppm	0.2	TESTED	<LOQ	CYFLUTHRIN *	0.5	ppm	1	TESTED	<LOQ	
CHLORPYRIFOS	0.1	ppm	0.2	TESTED	<LOQ	CHLORFENAPYR *	0.5	ppm	0.5	TESTED	<LOQ	
CLOFENTEZINE	0.1	ppm	0.2	TESTED	<LOQ							
DAMINOZIDE	0.5	ppm	1	TESTED	<LOQ	Analysis by:		Weight:		Extraction date:		
DDVP (DICHLORVOS)	0.5	ppm	1	TESTED	<LOQ	12, 11		0.514g		12/14/22 14:47:43	Extracted by:	
DIAZINON	0.1	ppm	0.2	TESTED	<LOQ						12	
DIMETHOATE	0.1	ppm	0.2	TESTED	<LOQ	Analysis Method :	N/A					
ETHOPROPHOS	0.1	ppm	0.2	TESTED	<LOQ	Analytical Batch :	CE001699PES					
ETOENPROX	0.2	ppm	0.4	TESTED	<LOQ	Instrument Used :	LCMSMS 8050 EID:0081-0085					
ETOXAZOLE	0.1	ppm	0.2	TESTED	<LOQ	Running on :	12/14/22 15:04:16					
FENOXYCARB	0.1	ppm	0.2	TESTED	<LOQ	Dilution :	10					
FENPYROXIMATE	0.2	ppm	0.4	TESTED	<LOQ	Reagent :	120622.R02					
FIPRONIL	0.2	ppm	0.4	TESTED	<LOQ	Consumables :	11/21/25; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 00312590-5					
FLONICAMID	0.5	ppm	1	TESTED	<LOQ	0032165-6 00323608-5 282851; 05511 7552; 9792001						
FLUDIOXONOL	0.2	ppm	0.4	TESTED	<LOQ	Pipette :	N/A					
HEXYTHIAZOX	0.5	ppm	1	TESTED	<LOQ	Samples prepared and quantitatively analyzed by LC-MS/MS & GC-MS/MS. Results above the action level fail Oregon state testing requirements for cannabis and hemp. LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007-0400.						
IMAZALIL	0.1	ppm	0.2	TESTED	<LOQ	Analysis by:		Weight:		Extraction date:		
IMIDACLOPRID	0.2	ppm	0.4	TESTED	<LOQ	12, 11		0.514g		12/14/22 14:47:43	Extracted by:	
KRESOXIM-METHYL	0.2	ppm	0.4	TESTED	<LOQ						12	
MALATHION	0.1	ppm	0.2	TESTED	<LOQ	Analysis Method :	N/A					
METALAXYL	0.1	ppm	0.2	TESTED	<LOQ	Analytical Batch :	CE001700VOL					
METHiocarb	0.1	ppm	0.2	TESTED	<LOQ	Instrument Used :	GCMS-TQ8040 EID:0133					
METHOMYL	0.2	ppm	0.4	TESTED	<LOQ	Running on :	12/14/22 15:04:11					
MYCLOBUTANIL	0.1	ppm	0.2	TESTED	<LOQ	Dilution :	10					
NALED	0.25	ppm	0.5	TESTED	<LOQ	Reagent :	120622.R02					
OXAMYL	0.5	ppm	1	TESTED	<LOQ	Consumables :	11/21/25; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 00312590-5					
PACLOBUTRAZOL	0.2	ppm	0.4	TESTED	<LOQ	0032165-6 00323608-5 282851; 05511 7552; 9792001						
PERMETHRINS	0.1	ppm	0.2	TESTED	<LOQ	Pipette :	N/A					
PHOSMET	0.1	ppm	0.2	TESTED	<LOQ	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.						
PIPERONYL BUTOXIDE	1	ppm	2	TESTED	<LOQ							
PRALLETHRIN	0.1	ppm	0.2	TESTED	<LOQ							
PROPICONAZOLE	0.2	ppm	0.4	TESTED	<LOQ							
PROPOXUR	0.1	ppm	0.2	TESTED	<LOQ							
PYRETHRINS	0.5	ppm	1	TESTED	<LOQ							
PYRIDABEN	0.1	ppm	0.2	TESTED	<LOQ							

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Anthony Smith

Lab Director

 State License # 010-10166277B9D
 ISO 17025 Accreditation # 99861

Signature

12/16/22

Signed On



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 : CE21213001-001
 Harvest/Lot ID: N/A

Batch# : N/A
 Sampled : 12/13/22
 Ordered : 12/13/22

Sample Size Received : 14 gram
 Total Amount : N/A
 Completed : 12/16/22 Expires: 12/16/23
 Sample Method : SOP.T.20.010.OR; ORELAP
 SOP-001 & -002; or Client Sampled

Page 3 of 6

	Mycotoxins	TESTED
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Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS (B1, B2, G1, G2)	5	ppb	<LOQ	TESTED	20
AFLATOXIN B1	5	ppb	<LOQ	TESTED	20
AFLATOXIN B2	5	ppb	<LOQ	TESTED	20
AFLATOXIN G1	5	ppb	<LOQ	TESTED	20
AFLATOXIN G2	5	ppb	<LOQ	TESTED	20
OCHRATOXIN A+	5	ppb	<LOQ	TESTED	20

Analyzed by: 12, 11 Weight: 0.502g Extraction date: 12/15/22 11:54:08 Extracted by: 12,11

Analysis Method : N/A
 Analytical Batch : CE001701MYC
 Instrument Used : LCMSMS 8050 EID:0081-0085 MYCO
 Running on : 12/14/22 15:04:08

Reviewed On : 12/15/22 11:54:26

Batch Date : 12/14/22 14:49:13

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS/MS. (Method: SOP.T.30.101.OR for Sample Preparation and SOP.T40.101.OR Procedure for Mycotoxins Quantification Using LCMS/MS. LOQ is 5.0 ppb for all targets. ND = not detected.

	Heavy Metals	TESTED
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Metal	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.1	µg/g	<LOQ	TESTED	0.2
CADMIUM	0.1	µg/g	<LOQ	TESTED	0.2
MERCURY	0.05	µg/g	<LOQ	TESTED	0.1
LEAD	0.24	µg/g	<LOQ	TESTED	0.5

Analyzed by: 19, 12 Weight: 0.202g Extraction date: 12/14/22 14:08:19 Extracted by: 14

Analysis Method : SOP.T.40.081, SOP.T.40.081
 Analytical Batch : CE001697HEA
 Instrument Used : ICPMS-2030
 Running on : N/A

Reviewed On : 12/15/22 08:49:43

Batch Date : 12/14/22 14:05:14

Dilution : 50
 Reagent : 031122.05; 031122.01; 091222.05
 Consumables : 170721-058; 210926060-C; 05511 7552
 Pipette : VWR 20-200ul EID: 0182

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometry). Reported units are µg/g, in sample, colloquially referred to as "PPM". Not a TNI or ISO accredited assay.

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Anthony Smith

Lab Director

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 ISO 17025 Accreditation # 99861



12/16/22

Signed On



PESTICIDES BATCH QC REPORT

Page 4 of 6

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Pesticides	LOQ	Result	Units	Pesticides	LOQ	Result	Units
ABAMECTIN	0.25	<LOQ	ppm	SPIROTETRAMAT	0.1	<LOQ	ppm
ACEPHATE	0.2	<LOQ	ppm	SPIROXAMINE	0.2	<LOQ	ppm
ACEQUINOCYL	1	<LOQ	ppm	TEBUCONAZOLE	0.2	<LOQ	ppm
ACETAMIPRID	0.1	<LOQ	ppm	THIACLORPRID	0.1	<LOQ	ppm
ALDICARB	0.2	<LOQ	ppm	THIAMETHOXAM	0.1	<LOQ	ppm
AZOXYSTROBIN	0.1	<LOQ	ppm	TRIFLOXYSTROBIN	0.1	<LOQ	ppm
BITENAZATE	0.1	<LOQ	ppm	MGK-264 *	0.1	<LOQ	ppm
BIFENTHRIN	0.1	<LOQ	ppm	METHYL PARATHION *	0.1	<LOQ	ppm
BOSCALID	0.2	<LOQ	ppm	CYPERMETHRIN *	0.5	<LOQ	ppm
CARBARYL	0.1	<LOQ	ppm	CYFLUTHRIN *	0.5	<LOQ	ppm
CARBOFURAN	0.1	<LOQ	ppm	CHLORFENAPYR *	0.5	<LOQ	ppm
CHLORANTRANILIPROLE	0.1	<LOQ	ppm				
CHLORPYRIFOS	0.1	<LOQ	ppm				
CLOFENTEZINE	0.1	<LOQ	ppm				
DAMINOZIDE	0.5	<LOQ	ppm				
DDVP (DICHLORVOS)	0.5	<LOQ	ppm				
DIAZINON	0.1	<LOQ	ppm				
DIMETHOATE	0.1	<LOQ	ppm				
ETHOPROPHOS	0.1	<LOQ	ppm				
ETOGENPROX	0.2	<LOQ	ppm				
ETOXAZOLE	0.1	<LOQ	ppm				
FENOXYCARB	0.1	<LOQ	ppm				
FENPYROXIMATE	0.2	<LOQ	ppm				
FIPRONIL	0.2	<LOQ	ppm				
FLONICAMID	0.5	<LOQ	ppm				
FLUDIOXONIL	0.2	<LOQ	ppm				
HEXYTHIAZOX	0.5	<LOQ	ppm				
IMAZALIL	0.1	<LOQ	ppm				
IMIDACLOPRID	0.2	<LOQ	ppm				
KRESOXIM-METHYL	0.2	<LOQ	ppm				
MALATHION	0.1	<LOQ	ppm				
METALAXYL	0.1	<LOQ	ppm				
METHIOCARB	0.1	<LOQ	ppm				
METHOMYL	0.2	<LOQ	ppm				
MYCLOBUTANIL	0.1	<LOQ	ppm				
NALED	0.25	<LOQ	ppm				
OXAMYL	0.5	<LOQ	ppm				
PACLOBUTRAZOL	0.2	<LOQ	ppm				
PERMETHRINS	0.1	<LOQ	ppm				
PHOSMET	0.1	<LOQ	ppm				
PIPERONYL BUTOXIDE	1	<LOQ	ppm				
PRALLETHRIN	0.1	<LOQ	ppm				
PROPICONAZOLE	0.2	<LOQ	ppm				
PROPOXUR	0.1	<LOQ	ppm				
PYRIDABEN	0.1	<LOQ	ppm				
SPIROMESIFEN	0.1	<LOQ	ppm				



PESTICIDES BATCH QC REPORT

Page 5 of 6

	LCS
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Pesticides	LOQ	Recovery	Recovery Limits	Pesticides	LOQ	Recovery	Recovery Limits
ABAMECTIN	0.25	72	50-150	SPIROMESIFEN	0.1	117.1	60-120
ACEPHATE	0.2	106.9	60-120	SPIROTETRAMAT	0.1	106.2	60-120
ACEQUINOCYL	1	102	40-160	SPIROXAMINE	0.2	81.4	60-120
ACETAMIPRID	0.1	111.1	60-120	TEBUCONAZOLE	0.2	108.5	60-120
ALDICARB	0.2	116.1	60-120	THIACLOPRID	0.1	113.7	60-120
AZOXYSTROBIN	0.1	109.6	60-120	THIAMETHOXAM	0.1	111.9	60-120
BIFENAZATE	0.1	104.5	60-120	TRIFLOXYSTROBIN	0.1	103.6	60-120
BIFENTHRIN	0.1	100.6	50-150	CHLORFENAPYR *	0.5	70.4	60-120
BOSCALID	0.2	116.3	60-120	CYFLUTHRIN *	0.5	62.7	50-150
CARBARYL	0.1	106.5	60-120	CYPERMETHRIN *	0.5	54.3	50-150
CARBOFURAN	0.1	108.9	60-120	METHYL PARATHION *	0.1	74.3	50-150
CHLORANTRANILIPROLE	0.1	114.8	60-120	MGK-264 *	0.1	93	50-150
CHLORPYRIFOS	0.1	110.1	60-120				
CLOFENTEZINE	0.1	105.7	60-120				
DAMINOZIDE	0.5	119.5	60-120				
DDVP (DICHLORVOS)	0.5	118.6	60-120				
DIAZINON	0.1	110.1	60-120				
DIMETHOATE	0.1	111.4	60-120				
ETHOPROPHOS	0.1	108.9	60-120				
ETOENPROX	0.2	108.1	50-150				
ETOXAZOLE	0.1	104.3	60-120				
FENOXYCARB	0.1	105	60-120				
FENPYROXIMATE	0.2	102.5	60-120				
FIPRONIL	0.2	106.1	60-120				
FLONICAMID	0.5	99	60-120				
FLUDIOXONIL	0.2	111.2	50-150				
HEXYTHIAZOX	0.5	107.1	60-120				
IMAZALIL	0.1	109.4	60-120				
IMIDACLOPRID	0.2	111.9	60-120				
KRESOXIM-METHYL	0.2	115.3	60-120				
MALATHION	0.1	117.7	60-120				
METALAXYL	0.1	110.4	60-120				
METHIOCARB	0.1	116.4	60-120				
METHOMYL	0.2	109.1	60-120				
MYCLOBUTANIL	0.1	112.4	60-120				
NALED	0.25	115.1	50-150				
OXAMYL	0.5	111.6	60-120				
PACLOBUTRAZOL	0.2	114.6	60-120				
PERMETHRINS	0.1	96.1	50-150				
PHOSMET	0.1	108.7	50-150				
PIPERONYL BUTOXIDE	1	103.6	60-120				
PRALLETHRIN	0.1	114.8	60-120				
PROPICONAZOLE	0.2	109.9	60-120				
PROPOXUR	0.1	108.7	60-120				
PYRETHRINS	0.5	180.6	60-120				
PYRIDABEN	0.1	106.2	50-150				

 **Pesticides**

 Analyzed by **12** Weight 0.5 Extraction date 12/14/22 14:47:43 Extracted By **12**

 Analytical Batch - CE001699PES,CE001700VOL
 Instrument Used : LCMSMS 8050 EID:0081-0085

Anthony Smith

Lab Director

 State License # 010-10166277B9D
 ISO 17025 Accreditation # 99861

12/16/22

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MYCOTOXINS BATCH QC REPORT

Page 6 of 6

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Mycotoxin	LOQ	Result	Units
AFLATOXIN B1	5	<LOQ	ppb
AFLATOXIN B2	5	<LOQ	ppb
AFLATOXIN G1	5	<LOQ	ppb
AFLATOXIN G2	5	<LOQ	ppb
OCHRATOXIN A+	5	<LOQ	ppb

Analytical Batch - CE001701MYC
Instrument Used : LCMSMS 8050 EID:0081-0085 MYCO

	LCS
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Mycotoxin	LOQ	Recovery	Units	Recovery Limits
AFLATOXIN B1	5	85.6	ppb	60-120
AFLATOXIN B2	5	96	ppb	60-120
AFLATOXIN G1	5	94	ppb	60-120
AFLATOXIN G2	5	103.7	ppb	60-120
OCHRATOXIN A+	5	89.2	ppb	60-120

Analytical Batch - CE001701MYC
Instrument Used : LCMSMS 8050 EID:0081-0085 MYCO