

Empire Hemp Co.

Sample: 2403RLI0045.0134

Batavia, NY 14020

Strain: G1000
Batch#: 2224777496319220; Batch Size: 1000 units; Harvest Process Lot:
Sample Received: 03/12/2024; Report Created: 04/04/2024;

Lic. #OCM-AUCP-23-000015

Sampling

Sample Collection Date/Time: 03/29/24 9:30
Sample Collection Site: Empire Hemp
Sampling Firm: DRS Testing
Sampling Method: MTHD-014
Sampling Notes/Deviations:

G1000 (Pre-roll)

Plant, Preroll
Contact Person: Chris VanDusen



Safety

Pass Pesticides	Pass Microbials	Pass Mycotoxins
Pass Solvents	Pass Metals	Pass Foreign Matter

Cannabinoids

32.56% Total THC	NR Total CBD	11.3% Moisture
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Analyte	LOQ	Result	Result
	mg/g	%	%
CBDVa	0.2	NR	NR
CBDV	0.2	NR	NR
CBDa	0.2	NR	NR
CBGa	0.2	1.88	1.88
CBG	0.2	NR	NR
CBD	0.2	NR	NR
THCV	0.2	NR	NR
THCVa	0.2	NR	NR
CBN	0.2	NR	NR
Δ9-THC	0.2	3.57	3.57
Δ8-THC	0.2	NR	NR
(6aR,9R)-d10-THC	0.2	NR	NR
(6aR,9S)-d10-THC	0.2	NR	NR
CBC	0.2	NR	NR
THCa	0.2	33.05	33.05
CBCa	0.2	NR	NR
Total		38.50	38.50

Entered By: VJ, Instrument ID: AL2-002
Method: MTHD-001, Date Tested: 03/14/2024 16:13
Total theoretical THC % = (delta-9- THC%) + (THCa% x 0.877)

DRS Testing
28 Best Street
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Lic# OCM-CPL-2022-00011



Anshu Shrestha

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Laboratory Director

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Contact Person: Chris VanDusen

Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
1,2-Dichloro-Ethane	3.9	5.0	NR	NT
2,2-Dimethyl-Butane	31.3		NR	NT
2,3-Dimethyl-Butane	31.3		NR	NT
2-Methyl-Pentane	31.3		NR	NT
3-Methyl-Pentane	31.3		NR	NT
Acetone	156.3	5000.0	ND	Pass
Acetonitrile	156.3	410.0	ND	Pass
Benzene	1.6	2.0	ND	Pass
Chloroform	1.6	60.0	ND	Pass
Dichloromethane	156.3	600.0	ND	Pass
Dimethyl Sulfoxide	156.3	5000.0	ND	Pass
Ethanol	156.3	5000.0	ND	Pass
Ethyl-Acetate	156.3	5000.0	NR	NT
Ethyl-Ether	156.3	5000.0	NR	NT
Heptane	156.3	5000.0	ND	Pass
Isobutane	78.1		NR	NT
2-Methyl-Butane	52.1		NR	NT
Isopropanol	156.3	5000.0	ND	Pass
m+p Xylene	78.1	2170.0	ND	Pass
Methanol	156.3	3000.0	NR	NT
n-Butane	78.1		NR	NT
Neopentane	52.1		NR	NT
n-Hexane	31.3		NR	NT
n-Pentane	52.1		NR	NT
o-Xylene	39.1		NR	NT
Propane	156.3	5000.0	NR	NT
Toluene	156.3	890.0	ND	Pass
Trichloroethane	78.1	1500.0	NR	NT
Butanes		5000.0	NR	NT
Hexanes		290.0	NR	NT
Pentanes		5000.0	NR	NT
Xylenes		2170.0	ND	Pass

Entered By: CB, Instrument ID: AL1-001
Method: MTHD-007, Date Tested: 03/29/2024 08:55
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
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Limits for Butanes, Hexanes, Pentanes and Xylenes are to be calculated as a total, individual limits not listed.

Microbials

Pass

Analyte	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus	Absent	Absence	Pass
Aspergillus fumigatus	Absent	Absence	Pass
Aspergillus niger	Absent	Absence	Pass
Aspergillus terreus	Absent	Absence	Pass
Salmonella	Absent	Absence	Pass
Shiga Toxin E. Coli	Absent	Absence	Pass
Aerobic Bacteria	N/A	100000	Tested
Yeast & Mold	N/A	130000	Tested

Entered By: MR, Instrument ID: M-001
Aerobic Date Tested: 04/02/2024 18:04
YM Date Tested: 03/31/2024 12:06 Sal/STEC Date Tested: 04/02/2024 13:59
Methods: MTHD-010, MTHD-011, MTHD-012, MTHD-013

Heavy Metals

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Chromium	1.0000	1100.0000	ND	Pass
Nickel	0.5000	5.0000	<LOQ	Pass
Copper	1.0000	30.0000	16.2378	Pass
Arsenic	0.1000	0.2000	ND	Pass
Cadmium	0.1000	0.3000	<LOQ	Pass
Antimony	0.5000	2.0000	ND	Pass
Mercury	0.0500	0.1000	ND	Pass
Lead	0.2500	0.5000	<LOQ	Pass

Entered By: MR, Instrument ID: AL2-001
Method: MTHD-006 Date Tested: 04/01/2024 15:37
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Mycotoxins

Pass

Analyte	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	
Aflatoxin B1	0.01	0.02	ND	Pass
Aflatoxin B2	0.01	0.02	ND	Pass
Aflatoxin G1	0.01	0.02	ND	Pass
Aflatoxin G2	0.01	0.02	ND	Pass
Ochratoxin A	0.01	0.02	ND	Pass
Total Aflatoxins		0.02	ND	Pass

Entered By: AS, Instrument ID: AL1-003
Method: MTHD-009 Date Tested: 04/02/2024 23:25

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Sampling Firm: DRS Testing
Sampling Method: MTHD-014
Sampling Notes/Deviations:

G1000 (Pre-roll)

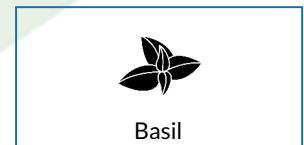
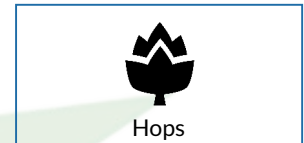
Plant, Preroll
Contact Person: Chris VanDusen

Terpenes

Complete

Primary Aromas

Analyte	LOQ	Result	Result
	%	%	mg/g
β-Caryophyllene	0.0065	0.84	8.39
β-Myrcene	0.0065	0.30	2.99
Fenchol	0.0104	0.29	2.87
α-Humulene	0.0065	0.27	2.72
Linalool	0.0065	0.13	1.26
α-Bisabolol	0.0065	0.12	1.23
Valencene	0.0021	0.11	1.13
Limonene	0.0065	0.11	1.12
β-Pinene	0.0065	0.02	0.21
Farnesene	0.0021	0.02	0.21
α-Pinene	0.0065	0.01	0.12
Caryophyllene Oxide	0.0065	0.01	0.10
α-Phellandrene	0.0052	ND	ND
α-Terpinene	0.0065	ND	ND
Camphene	0.0065	<LOQ	<LOQ
Geraniol	0.0065	ND	ND
Guaiol	0.0065	ND	ND
Ocimene	0.0065	ND	ND
Terpineol	0.0052	ND	ND
Terpinolene	0.0065	ND	ND
Total Terpenes		2.2	22.3



Entered By: CB, Instrument ID: AL1-001
Method: MTHD-005, Date Tested: 04/02/2024 22:31

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Certificate of Analysis

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Sampling Method: MTHD-014

Sampling Notes/Deviations:

G1000 (Pre-roll)

Plant, Preroll

Contact Person: Chris VanDusen

Strain: G1000

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Abamectin	0.10	0.50	ND	Pass
Acephate	0.10	0.40	ND	Pass
Acequinocyl	0.10	2.00	ND	Pass
Acetamiprid	0.10	0.20	ND	Pass
Aldicarb	0.10	0.40	ND	Pass
Azadirachtin	0.50	1.00	ND	Pass
Azoxystrobin	0.10	0.20	ND	Pass
Bifenazate	0.10	0.20	ND	Pass
Bifenthrin	0.10	0.20	ND	Pass
Boscalid	0.10	0.40	ND	Pass
Captan	0.50	1.00	ND	Pass
Carbaryl	0.10	0.20	ND	Pass
Carbofuran	0.10	0.20	ND	Pass
Chlorantraniliprole	0.10	0.20	ND	Pass
Chlordane	0.50	1.00	ND	Pass
Chlorfenapyr	0.50	1.00	ND	Pass
Chloromequat chloride	0.10	1.00	ND	Pass
Chlorpyrifos	0.10	0.20	ND	Pass
Clofentezine	0.10	0.20	ND	Pass
Coumaphos	0.10	1.00	ND	Pass
Cyfluthrin	0.10	1.00	ND	Pass
Cypermethrin	0.10	1.00	ND	Pass
Daminozide	0.10	1.00	ND	Pass
Diazinon	0.10	0.20	ND	Pass
Dichlorvos	0.10	1.00	ND	Pass

Entered By: AS, Instrument ID: AL1-002 & AL1-003

Method: MTHD-008 GC Date Tested: 03/29/2024 22:09

Method: MTHD-009 LC Date Tested: 03/29/2024 23:25

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Sampling Firm: DRS Testing

Sampling Method: MTHD-014

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G1000 (Pre-roll)

Plant, Preroll

Contact Person: Chris VanDusen

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Dimethoate	0.10	0.20	ND	Pass
Dimethomorph	0.10	1.00	ND	Pass
Ethoprophos	0.10	0.20	ND	Pass
Etofenprox	0.10	0.40	ND	Pass
Etoazole	0.10	0.20	ND	Pass
Fenhexamid	0.10	1.00	ND	Pass
Fenoxycarb	0.10	0.20	ND	Pass
Fenpyroximate	0.10	0.40	ND	Pass
Fipronil	0.10	0.40	ND	Pass
Flonicamid	0.10	1.00	ND	Pass
Fludioxonil	0.10	0.40	ND	Pass
Hexythiazox	0.10	1.00	ND	Pass
Imazalil	0.10	0.20	ND	Pass
Imidacloprid	0.10	0.40	ND	Pass
Indolebutyric Acid	0.50	1.00	ND	Pass
Kresoxim Methyl	0.10	0.40	ND	Pass
Malathion	0.10	0.20	ND	Pass
Metalaxyl	0.10	0.20	ND	Pass
Methiocarb	0.10	0.20	ND	Pass
Methomyl	0.10	0.40	ND	Pass
Methyl Parathion	0.10	0.20	ND	Pass
Mevinphos	0.10	1.00	ND	Pass
MGK-264	0.10	0.20	ND	Pass
Myclobutanil	0.10	0.20	ND	Pass
Naled	0.10	0.50	ND	Pass

Entered By: AS, Instrument ID: AL1-002 & AL1-003

Method: MTHD-008 GC Date Tested: 03/29/2024 22:09

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G1000 (Pre-roll)

Plant, Preroll

Contact Person: Chris VanDusen

Strain: G1000

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Oxamyl	0.10	1.00	ND	Pass
Paclobutrazol	0.10	0.40	ND	Pass
Pentachloronitrobenzene	0.50	1.00	ND	Pass
Permethrins	0.10	0.20	ND	Pass
Phosmet	0.10	0.20	ND	Pass
Piperonyl Butoxide	0.10	2.00	ND	Pass
Prallethrin	0.10	0.20	ND	Pass
Propiconazole	0.10	0.40	ND	Pass
Propoxur	0.10	0.20	ND	Pass
Pyrethrins	0.03	1.00	ND	Pass
Pyridaben	0.10	0.20	ND	Pass
Spinetoram	0.10	1.00	ND	Pass
Spinosad	0.10	0.20	ND	Pass
Spiromesifen	0.10	0.20	ND	Pass
Spirotetramat	0.10	0.20	ND	Pass
Spiroxamine	0.10	0.20	ND	Pass
Tebuconazole	0.10	0.40	ND	Pass
Thiacloprid	0.10	0.20	ND	Pass
Thiamethoxam	0.10	0.20	ND	Pass
Trifloxystrobin	0.10	0.20	ND	Pass

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Plant, Preroll

Contact Person: Chris VanDusen

Moisture Date/Time Tested: 03/14/2024; 16:54

Water Activity Date/Time Tested: 03/14/2024; 9:28

Moisture Method: MTHD-003

Water Activity Method: MTHD-002

0.28 aw

Limit: 0.65 aw

Pass

Water Activity

11.3%

Limit: 15.0 %

Pass

Moisture



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