



Certificate of Analysis

Sample: 2304ACTNY1136.3591

A handwritten signature in black ink that reads 'Kimberly Krisolofsky'.

04/26/2023

Kimberly Krisolofsky
Lead Technical Director

Date

Empire Hemp Co.

 34 Swan St.
 Batavia, NY 14020
 kevin@empirehempco.com
 (585) 507-8725


Sample: 2304ACTNY1136.3591

 Strain: 1g Prerolls Wedding Cake
 Batch#: 0232 2279 3220 4640
 Sample Received: 04/14/2023 12:00
 Report Created: 04/26/2023 08:55 pm
 Sampling SOP 204-NY

1g Prerolls Wedding Cake

Plant, Preroll



	<h3>20.067%</h3> <p>Total THC</p>	<h3><LOQ</h3> <p>Total CBD</p>	<h3>20.067%</h3> <p>Total Cannabinoids</p>
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Cannabinoids

 Method SOP 801-NY
 Date/Time Tested: 04/24/2023 19:13

Complete

Analyte	LOQ	Weight %	Mass
	ug/mL	mg/g	%
CBDV	0.5	ND	ND
CBDa	0.5	<LOQ	<LOQ
CBG	0.5	<LOQ	<LOQ
CBD	0.5	ND	ND
THCV	0.5	ND	ND
CBN	0.5	ND	ND
Δ9-THC	0.5	36.74	3.674
Δ8-THC	0.5	ND	ND
(6aR,9S)-d10-THC	0.5	ND	ND
(6aR,9R)-d10-THC	0.5	ND	ND
CBC	0.5	<LOQ	<LOQ
THCa	0.5	186.91	18.691
Total		223.66	22.366

Notes:

 Total THC = THCa * 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC
 Total CBD = CBDa * 0.877 + CBD
 Total Cannabinoids = Sum of all cannabinoids
 LOQ = Limit of Quantitation; Reported results for bulk flower and plant forms are calculated on a dry weight basis. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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Plant, Preroll



Pesticides

 SOP 814-NY
 Date/Time Tested: 04/25/2023 17:29

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Abamectin	0.50	0.39	<LOQ	Pass
Acephate	0.40	0.10	<LOQ	Pass
Acequinocyl	2.00	0.10	<LOQ	Pass
Acetamiprid	0.20	0.10	<LOQ	Pass
Aldicarb	0.40	0.10	<LOQ	Pass
Azadirachtin	1.00	0.08	<LOQ	Pass
Azoxystrobin	0.20	0.10	<LOQ	Pass
Bifenazate	0.20	0.10	<LOQ	Pass
Bifenthrin	0.20	0.10	<LOQ	Pass
Boscalid	0.40	0.10	<LOQ	Pass
Captan	1.00		<LOQ	Pass
Carbaryl	0.20	0.10	<LOQ	Pass
Carbofuran	0.20	0.10	<LOQ	Pass
Chlorantraniliprole	0.20	0.10	<LOQ	Pass
Chlordane	1.00	0.10	<LOQ	Pass
Chlorfenapyr	1.00	0.10	<LOQ	Pass
Chlormequat chloride	1.00		<LOQ	Pass
Chlorpyrifos	0.20	0.10	<LOQ	Pass
Clofentezine	0.20	0.10	<LOQ	Pass
Coumaphos	1.00	0.10	<LOQ	Pass
Cyfluthrin	1.00	0.50	<LOQ	Pass
Cypermethrin	1.00	0.10	<LOQ	Pass
Daminozide	1.00	0.10	<LOQ	Pass
Diazinon	0.20	0.10	<LOQ	Pass
Dichlorvos	1.00	0.10	<LOQ	Pass

Notes:

LOQ = Limit of Quantitation. Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. If captan, chlormequat chloride, or MGK-264 are reported, they are tentatively identified, but not quantitatively confirmed.
 ND = Not Detected; NT = Not Tested; NR = Not Reported


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Plant, Preroll



Pesticides

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Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Dimethoate	0.20	0.10	<LOQ	Pass
Dimethomorph	1.00	0.10	<LOQ	Pass
Ethoprophos	0.20	0.10	<LOQ	Pass
Etofenprox	0.40	0.10	<LOQ	Pass
Etoazole	0.20	0.10	<LOQ	Pass
Fenhexamid	1.00	0.10	<LOQ	Pass
Fenoxycarb	0.20	0.10	<LOQ	Pass
Fenpyroximate	0.40	0.10	<LOQ	Pass
Fipronil	0.40	0.10	<LOQ	Pass
Flonicamid	1.00	0.10	<LOQ	Pass
Fludioxonil	0.40	0.10	<LOQ	Pass
Hexythiazox	1.00	0.10	<LOQ	Pass
Imazalil	0.20	0.10	<LOQ	Pass
Imidacloprid	0.40	0.10	<LOQ	Pass
Indolebutyric Acid	1.00	0.08	<LOQ	Pass
Kresoxim Methyl	0.40	0.10	<LOQ	Pass
Malathion	0.20	0.10	<LOQ	Pass
Metalaxyl	0.20	0.10	<LOQ	Pass
Methiocarb	0.20	0.10	<LOQ	Pass
Methomyl	0.40	0.10	<LOQ	Pass
Methyl Parathion	0.20	0.10	<LOQ	Pass
Mevinphos	1.00	0.10	<LOQ	Pass
MGK-264	0.20		<LOQ	Pass
Myclobutanil	0.20	0.10	<LOQ	Pass
Naled	0.50	0.10	<LOQ	Pass

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Plant, Preroll



Pesticides

 SOP 814-NY
 Date/Time Tested: 04/25/2023 17:29

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Oxamyl	1.00	0.10	<LOQ	Pass
Paclobutrazol	0.40	0.10	<LOQ	Pass
Pentachloronitrobenzene	1.00	0.10	<LOQ	Pass
Permethrins [M+NH4] Total	0.20	0.10	<LOQ	Pass
Phosmet	0.20	0.10	<LOQ	Pass
Piperonyl Butoxide	2.00	0.10	<LOQ	Pass
Prallethrin	0.20	0.10	<LOQ	Pass
Propiconazole	0.40	0.10	<LOQ	Pass
Propoxur	0.20	0.10	<LOQ	Pass
Pyrethrins Total	1.00	0.07	<LOQ	Pass
Pyridaben	0.20	0.10	<LOQ	Pass
Spinetoram Total	1.00	0.10	<LOQ	Pass
Spinosad Total	0.20	0.10	<LOQ	Pass
Spiromesifen	0.20	0.10	<LOQ	Pass
Spirotetramat	0.20	0.10	<LOQ	Pass
Spiroxamine	0.20	0.10	<LOQ	Pass
Tebuconazole	0.40	0.10	<LOQ	Pass
Thiacloprid	0.20	0.10	<LOQ	Pass
Thiamethoxam	0.20	0.10	<LOQ	Pass
Trifloxystrobin	0.20	0.10	<LOQ	Pass

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 Sampling SOP 204-NY

1g Prerolls Wedding Cake

Plant, Preroll



Microbials

Date/Time Tested: 04/20/2023 1550

♦SOP 401-NY ♦SOP 619-NY

Analyte	Limit	Units	Status
Total Viable Aerobic Bacteria (3M)		CFU/g	Absent
Total Yeast & Mold (3M)			Absent
STEC E. Coli (PDx)	Absent		Absent
Aspergillus Species (PDx)	Absent		Absent
Salmonella Species (PDx)	Absent		Absent

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Plant, Preroll



Heavy Metals

 SOP 250-NY
 Date/Time Tested: 04/25/2023

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	2	0.240	<LOQ	Pass
Arsenic	0.2	0.200	<LOQ	Pass
Cadmium	0.3	0.200	<LOQ	Pass
Chromium	110	0.240	<LOQ	Pass
Copper	30	0.240	1.003	Pass
Lead	0.5	0.240	<LOQ	Pass
Mercury	0.1	0.048	<LOQ	Pass
Nickel	2	0.240	0.256	Pass

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Plant, Preroll



Mycotoxins

SOP 303-NY
Date/Time Tested: 04/24/2023**Pass**

Analyte	Mass	Limit	LOQ	Status
Ochratoxin A	ng/g Absent	ng/g 20	ng/g 4.2	Pass
Total Aflatoxins	ng/g Absent	ng/g 20	ng/g 4.2	Pass

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Sampling SOP 204-NY

1g Prerolls Wedding Cake

Plant, Preroll



Moisture/Water Activity

♦SOP 205-NY, ♦SOP 206-NY
Moisture Date/Time Tested: 04/24/2023
Water Activity Date/Time Tested: 04/25/2023 15:24

10.7%
Limits: $\geq 5\%$, $\leq 15\%$
Pass
Moisture

0.44 aw
0.65 Limit
Pass
Water Activity

Notes:

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