



Date Released: 8/25/2023 9:02:22AM

Report #: 2758

Awaken Chews

Sample #: 2218, Weight: 910.00g, Unit Count:

Order #: X230821-0001

Category/Type: Ingestible, Gummy

Date Collected: 8/21/2023 9:39:11AM

Date Received: 8/21/2023 9:44:43AM

Regulator Sample ID: RVD101

Regulator Source Package ID: RVD101

Regulator Batch ID: RVD101

Size: 2000units, Unit Count:



Total Cannabinoids
10.72 mg/svg
3.056 mg/g



Total THC
2.567 mg/svg
0.7334 mg/g



Total CBD
0.1848 mg/svg
0.05279 mg/g



Heavy Metals
PASS



Microbials
PASS



Residual Solvents
PASS



Pesticides
PASS



Mycotoxins
PASS



Water Activity
PASS

Potency Analysis by HPLC

Total Cannabinoids: **10.72 mg/svg - 3.056 mg/g**
Total THC: **2.567 mg/svg - 0.7334 mg/g**
Total CBD: **0.1848 mg/svg - 0.05279 mg/g**

Date Completed: 08/22/2023 9:48AM

Compound	CAS#	LOQ (mg/svg)	mg/svg	mg/g	Relative Concentration
THCV	31262-37-0	0.01000	3.941	1.126	[Bar]
CBG	25654-31-3	0.01000	3.844	1.098	[Bar]
d9-THC	1972-08-3	0.01000	2.567	0.7334	[Bar]
CBD	13956-29-1	0.01000	0.1848	0.05279	[Bar]
CBC	20675-51-8	0.01000	0.1068	0.03052	[Bar]
CBDV	24274-48-4	0.01000	0.05186	0.01482	[Bar]
CBN	521-35-7	0.01000	0.02352	ND	[Bar]
THCa	23978-85-0	0.01000	ND	ND	[Bar]
d8-THC	5957-75-5	0.01000	ND	ND	[Bar]
d10-THC	95543-62-7	0.01000	ND	ND	[Bar]
CBDa	1244-58-2	0.01000	ND	ND	[Bar]
CBGa	25555-57-1	0.01000	ND	ND	[Bar]

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York
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Permit #: OCM-CPL-2022-00007

Kelly Greenland

Dr. Kelly Greenland, Lab Director





Sample #: 2218

Awaken Chews

Water Activity by Meter

Pass

Analysis Date: 08/21/2023 1:05 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.85	0.62	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Pesticides by LCMSMS

Pass

Analysis Date: 08/22/2023 9:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass
Chlorfenapyr	0.0100	1	ND	Pass
Chloromequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass

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Dr. Kelly Greenland, Lab Director





Sample #: 2218

Awaken Chews

Pesticides by LCMSMS

Pass

Analysis Date: 08/22/2023 9:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass

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Sample #: 2218

Awaken Chews

Pesticides by LCMSMS

Pass

Analysis Date: 08/22/2023 9:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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420

ECNY
 EMERALD CITY NY

 Cannabinoid
 Manufacturer

Emerald City

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914-380-0449

License #: OCM-AUCP-22-000023

Certificate of Analysis

Final


Sample #: 2218
Awaken Chews
Residual Solvents by HS-GC-MS
Pass

Analysis Date: 08/24/2023 1:11 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	10.00	5	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	401.8	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	66.50	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed.

Mycotoxins by LCMSMS
Pass

Analysis Date: 08/22/2023 9:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass

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Sample #: 2218

Awaken Chews

Mycotoxins by LCMSMS

Pass

Analysis Date: 08/22/2023 9:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Analysis Date: 08/22/2023 10:42 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	ND	Pass
Arsenic	0.00100	1.5	0.0213	Pass
Cadmium	0.00150	0.5	0.00188	Pass
Chromium	0.280	1100	ND	Pass
Copper	0.0750	300	ND	Pass
Lead	0.00250	0.5	0.00490	Pass
Mercury	0.000500	3	ND	Pass
Nickel	0.0100	20	ND	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 08/23/2023 10:54 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass

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420



Cannabinoid
Manufacturer

Emerald City

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914-380-0449
License #: OCM-AUCP-22-000023

Certificate of Analysis

Final



Sample #: 2218

Awaken Chews

Micro by Petri & qPCR

Pass

Analysis Date: 08/23/2023 10:54 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Aerobic Bacteria	10	10000	ND	Pass
Total Yeast & Mold	10	1000	10	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

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