



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

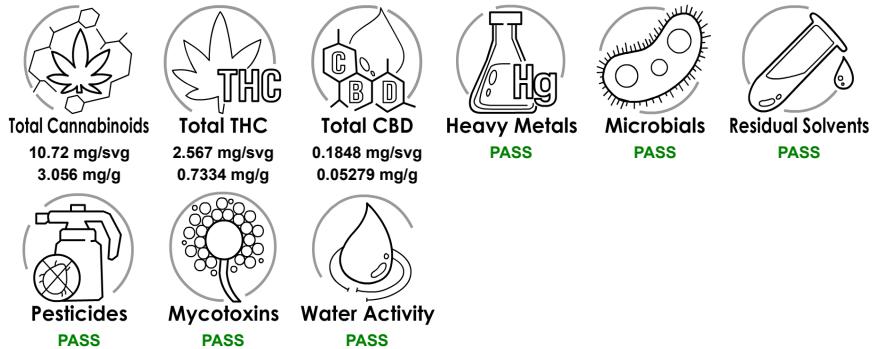
Date Received: 8/21/2023 9:44:43AM

Regulator Sample ID: RVDM101

Regulator Source Package ID: RVDM101

Regulator Batch ID: RVDM101

Size: 2000units, Unit Count:

**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	
CBG	25654-31-3	0.01000	3.844	1.098	
d9-THC	1972-08-3	0.01000	2.567	0.7334	
CBD	13956-29-1	0.01000	0.1848	0.05279	
CBC	20675-51-8	0.01000	0.1068	0.03052	
CBDV	24274-48-4	0.01000	0.05186	0.01482	
CBN	521-35-7	0.01000	0.02352	ND	
THCa	23978-85-0	0.01000	ND	ND	
d8-THC	5957-75-5	0.01000	ND	ND	
d10-THC	95543-62-7	0.01000	ND	ND	
CBDa	1244-58-2	0.01000	ND	ND	
CBGa	25555-57-1	0.01000	ND	ND	

**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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Keystone State Testing of New York

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Dr. Kelly Greenland, Lab Director



**Sample #:** 2218**Awaken Chews**

<b>Water Activity by Meter</b>		<b>Pass</b>		<b>Analysis Date:</b> 08/21/2023 1:05 pm	
<b>Compound</b>		<b>LOQ (Aw)</b>	<b>Limits (Aw)</b>	<b>Result (Aw)</b>	<b>Status</b>
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.

<b>Pesticides by LCMSMS</b>		<b>Pass</b>		<b>Analysis Date:</b> 08/22/2023 9:42 am	
<b>Compound</b>		<b>LOQ (µg/g)</b>	<b>Limits (µg/g)</b>	<b>Result (µg/g)</b>	<b>Status</b>
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
Chlormequat 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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**Sample #:** 2218**Awaken Chews**

<b>Pesticides by LCMSMS</b>		<b>Pass</b>	<b>Analysis Date:</b> 08/22/2023 9:42 am	
<b>Compound</b>	<b>LOQ (µg/g)</b>	<b>Limits (µg/g)</b>	<b>Result (µg/g)</b>	<b>Status</b>
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
Fenoxy carb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Flonicamid	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
Metalaxyll	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**

<b>Pesticides by LCMSMS</b>		<b>Pass</b>	<b>Analysis Date:</b> 08/22/2023 9:42 am		
<b>Compound</b>		<b>LOQ (µg/g)</b>	<b>Limits (µg/g)</b>	<b>Result (µg/g)</b>	<b>Status</b>
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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**Sample #:** 2218**Awaken Chews**

<b>Residual Solvents by HS-GC-MS</b>		<b>Pass</b>		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.

<b>Mycotoxins by LCMSMS</b>		<b>Pass</b>		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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<b>Mycotoxins by LCMSMS</b>		<b>Pass</b>		<b>Analysis Date:</b> 08/22/2023 9:42 am	
<b>Compound</b>		<b>LOQ (µg/g)</b>	<b>Limits (µg/g)</b>	<b>Result (µg/g)</b>	<b>Status</b>
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.

<b>Heavy Metals by ICPMS</b>		<b>Pass</b>		<b>Analysis Date:</b> 08/22/2023 10:42 am	
<b>Compound</b>		<b>LOQ (µg/g)</b>	<b>Limits (µg/g)</b>	<b>Result (µg/g)</b>	<b>Status</b>
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.

<b>Micro by Petri &amp; qPCR</b>		<b>Pass</b>		<b>Analysis Date:</b> 08/23/2023 10:54 am	
<b>Compound</b>		<b>LOQ (CFU/g)</b>	<b>Limits (CFU/g)</b>	<b>Result (CFU/g)</b>	<b>Status</b>
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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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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