

420

**ECNY**  
 EMERALD CITY NY

 Cannabinoid  
 Manufacturer

**Emerald City**

 46 Forster Rd  
 hopewell Jct NY 12533  
 GreenSpectrumsCBD@gmail.com  
 914-380-0449  
 License #: OCM-AUCP-22-000023

**Certificate of Analysis**

Final



Date Released: 6/4/2024 4:46:33PM

Report #: 17020

**Golden Milk**

Sample #: 4899, Weight: 630.00g, Unit Count:

Order #: X240529-0003

Category/Type: Ingestible, Edibles

Date Collected: 5/29/2024 6:53:10PM

Date Received: 5/30/2024 10:11:17AM

Regulator Sample ID: RVGK102

Regulator Source Package ID: RVGK102

Regulator Batch ID: RVGK102

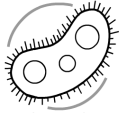
Size: 915Units, Unit Count:


**Total Cannabinoids**  
 9.575 mg/svg  
 2.803 mg/g

**Total THC**  
 2.306 mg/svg  
 0.6782 mg/g

**Total CBD**  
 3.381 mg/svg  
 0.9943 mg/g

**Total Terpenes**  
 0.0 %

**Heavy Metals**  
 PASS

**Microbials**  
 PASS

**Residual Solvents**  
 PASS

**Pesticides**  
 PASS

**Mycotoxins**  
 PASS

**Water Activity**  
 PASS

**Potency Analysis by HPLC**
Total Cannabinoids: **9.575 mg/svg - 2.803 mg/g**Total THC: **2.306 mg/svg - 0.6782 mg/g**Total CBD: **3.381 mg/svg - 0.9943 mg/g**

Date Completed: 05/31/2024 2:10PM

Compound	CAS#	LOQ (mg/svg)	mg/svg	mg/g	Relative Concentration
CBG	25654-31-3	0.01000	3.765	1.107	<div style="width: 90%;"></div>
CBD	13956-29-1	0.01000	3.381	0.9943	<div style="width: 85%;"></div>
d9-THC	1972-08-3	0.01000	2.306	0.6782	<div style="width: 75%;"></div>
CBC	20675-51-8	0.01000	0.07845	0.02307	<div style="width: 2%;"></div>
CBN	521-35-7	0.01000	0.02505	ND	<div style="width: 0%;"></div>
CBDV	24274-48-4	0.01000	0.01920	ND	<div style="width: 0%;"></div>
THCa	23978-85-0	0.01000	ND	ND	<div style="width: 0%;"></div>
d8-THC	5957-75-5	0.01000	ND	ND	<div style="width: 0%;"></div>
d10/R9-THC	95543-62-7	0.01000	ND	ND	<div style="width: 0%;"></div>
d10/S9-THC	95588-87-7	0.01000	ND	ND	<div style="width: 0%;"></div>
THCV	31262-37-0	0.01000	ND	ND	<div style="width: 0%;"></div>
CBDa	1244-58-2	0.01000	ND	ND	<div style="width: 0%;"></div>
CBGa	25555-57-1	0.01000	ND	ND	<div style="width: 0%;"></div>

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

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


**Keystone State Testing of New York**  
 1809 Vestal Pkwy E

 Vestal, NY 13850  
 (607)301-0884  
 InfoNY@KeystoneStateTesting.com  
 www.KeystoneStateTesting.com  
 Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director





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**Sample #: 4899**

**Golden Milk**

**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.

## Terpenes by HS-GC-MS

Date Completed: 05/30/2024 2:03PM

Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-myrcene	123-35-3	0.1000	ND	
Beta-caryophyllene	87-44-5	0.1000	ND	
Limonene	5989-27-5	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Alpha-humulene	6753-98-6	0.1000	ND	
Linalool	78-70-6	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Borneol	464-43-7	0.1000	ND	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	

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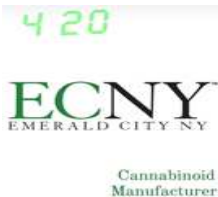


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**Sample #: 4899**

**Golden Milk**

Compound	CAS#	LOQ (%)	%	Relative Concentration
Alpha-phellandrene	99-83-2	0.1000	ND	
Farnesene	502-61-4	0.1000	ND	
Camphor	464-49-3	0.1000	ND	
3-Carene	13466-78-9	0.1000	ND	
Alpha-cedrene	469-61-4	0.1000	ND	
Cedrol	77-53-2	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
Gamma-terpinene	99-85-4	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Isopulegol	89-79-2	0.1000	ND	
Menthol	15356-70-4	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
Nerolidol		0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	
Sabinene Hydrate	546-79-2	0.1000	ND	

**Test Comment:** Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

## Water Activity

**Pass**

Analysis Date: 05/30/2024 11:31 am

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.85	0.58	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: 06/03/2024 11:03 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass

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**Sample #: 4899**
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**Pesticides by LCMSMS**
**Pass**
**Analysis Date: 06/03/2024 11:03 am**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Acephate	0.0100	0.400	ND	Pass
Acequinocyl	0.0100	2.00	ND	Pass
Acetamiprid	0.0100	0.200	ND	Pass
Aldicarb	0.0100	0.400	ND	Pass
Azadirachtin	0.0100	1.00	ND	Pass
Azoxystrobin	0.0100	0.200	ND	Pass
Bifenazate	0.0100	0.200	ND	Pass
Bifenthrin	0.0100	0.200	ND	Pass
Boscalid	0.0100	0.400	ND	Pass
Captan	0.0100	1.00	ND	Pass
Carbaryl	0.0100	0.200	ND	Pass
Carbofuran	0.0100	0.200	ND	Pass
Chlorantraniliprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chlormequat Chloride	0.0100	1.00	ND	Pass
Chlorpyrifos	0.0100	0.200	ND	Pass
Clofentezine	0.0100	0.200	ND	Pass
Coumaphos	0.0100	1.00	ND	Pass
Cyfluthrin	0.0100	1.00	ND	Pass
Cypermethrin	0.0100	1.00	ND	Pass
Daminozide	0.0100	1.00	ND	Pass
Diazinon	0.0100	0.200	ND	Pass
Dichlorvos	0.0100	1.00	ND	Pass
Dimethoate	0.0100	0.200	ND	Pass
Dimethomorph	0.0100	1.00	ND	Pass

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**Golden Milk**
**Pesticides by LCMSMS**
**Pass**
**Analysis Date: 06/03/2024 11:03 am**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Ethoprophos	0.0100	0.200	ND	Pass
Etofenprox	0.0100	0.400	ND	Pass
Etoxazole	0.0100	0.200	ND	Pass
Fenhexamid	0.0100	1.00	ND	Pass
Fenoxycarb	0.0100	0.200	ND	Pass
Fenpyroximate	0.0100	0.400	ND	Pass
Fipronil	0.0100	0.400	ND	Pass
Fonicamid	0.0100	1.00	ND	Pass
Fludioxonil	0.0100	0.400	ND	Pass
Hexythiazox	0.0100	1.00	ND	Pass
Imazalil	0.0100	0.200	ND	Pass
Imidacloprid	0.0100	0.400	ND	Pass
Indolebutyric Acid	0.0100	1.00	ND	Pass
Kresoxim-methyl	0.0100	0.400	ND	Pass
Malathion	0.0100	0.200	ND	Pass
Metalaxyl	0.0100	0.200	ND	Pass
Methiocarb	0.0100	0.200	ND	Pass
Methomyl	0.0100	0.400	ND	Pass
Methyl Parathion	0.0100	0.200	ND	Pass
Mevinphos	0.0100	1.00	ND	Pass
MGK-264	0.0100	0.200	ND	Pass
Myclobutanil	0.0100	0.200	ND	Pass
Naled	0.0100	0.500	ND	Pass
Oxamyl	0.0100	1.00	ND	Pass
Paclobutrazol	0.0100	0.400	ND	Pass
Pentachloronitrobenzene	0.0100	1.00	ND	Pass

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**Sample #: 4899**
**Golden Milk**
**Pesticides by LCMSMS**
**Pass**
**Analysis Date: 06/03/2024 11:03 am**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Permethrins, Total	0.0100	0.200	ND	Pass
Phosmet	0.0100	0.200	ND	Pass
Piperonyl Butoxide	0.0100	2.00	ND	Pass
Prallethrin	0.0100	0.200	ND	Pass
Propiconazole	0.0100	0.400	ND	Pass
Propoxur	0.0100	0.200	ND	Pass
Pyrethrins Total	0.0100	1.00	ND	Pass
Pyridaben	0.0100	0.200	ND	Pass
Spinetoram Total	0.0100	1.00	ND	Pass
Spinosad Total	0.0100	0.200	ND	Pass
Spiromesifen	0.0100	0.200	ND	Pass
Spirotetramat	0.0100	0.200	ND	Pass
Spiroxamine	0.0100	0.200	ND	Pass
Tebuconazole	0.0100	0.400	ND	Pass
Thiacloprid	0.0100	0.200	ND	Pass
Thiamethoxam	0.0100	0.200	ND	Pass
Trifloxystrobin	0.0100	0.200	ND	Pass

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

**Residual Solvents by HS-GC-MS**
**Pass**
**Analysis Date: 05/30/2024 11:09 am**

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass

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Final


**Sample #: 4899**
**Golden Milk**
**Residual Solvents by HS-GC-MS**
**Pass**

Analysis Date: 05/30/2024 11:09 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	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	ND	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. "TIC" stands for Tentatively Identified Compound but not quantitated.

**Mycotoxins by LCMSMS**
**Pass**

Analysis Date: 06/03/2024 11:03 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
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.

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# Certificate of Analysis

Final



**Sample #: 4899**

**Golden Milk**

## Heavy Metals by ICPMS

**Pass**

Analysis Date: 06/02/2024 11:20 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	ND	Pass
Arsenic	0.00100	1.50	ND	Pass
Cadmium	0.00150	0.500	0.00185	Pass
Chromium	0.280	1100	ND	Pass
Copper	0.0750	300	0.437	Pass
Lead	0.00250	0.500	0.0793	Pass
Mercury	0.000500	3.00	ND	Pass
Nickel	0.0100	20.0	0.161	Pass

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

## Micro by Petri & qPCR

**Pass**

Analysis Date: 06/01/2024 12:32 pm

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	1	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass
Aspergillus niger Qualitative	1	0	Not Detected	Pass
Aspergillus terreus Qualitative	1	0	Not Detected	Pass
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10	10000	50	Pass
Total Yeast & Mold	10	1000	<LOQ	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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Date Released: 8/25/2023 9:02:22AM

Report #: 2759

**Inspire Chews**

Sample #: 2219, 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: RVGK101

Regulator Source Package ID: RVGK101

Regulator Batch ID: RVGK101

Size: 2000units, Unit Count:


**Total Cannabinoids**  
 9.873 mg/svg  
 2.813 mg/g

**Total THC**  
 2.436 mg/svg  
 0.6960 mg/g

**Total CBD**  
 3.800 mg/svg  
 1.086 mg/g

**Heavy Metals**  
 PASS

**Microbials**  
 PASS

**Residual Solvents**  
 PASS

**Pesticides**  
 PASS

**Mycotoxins**  
 PASS

**Water Activity**  
 PASS
**Potency Analysis by HPLC**Total Cannabinoids: **9.873 mg/svg - 2.813 mg/g**Total THC: **2.436 mg/svg - 0.6960 mg/g**Total CBD: **3.800 mg/svg - 1.086 mg/g**

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

Compound	CAS#	LOQ (mg/svg)	mg/svg	mg/g	Relative Concentration
CBD	13956-29-1	0.01000	3.800	1.086	<div style="width: 100%; height: 10px; background-color: green;"></div>
CBG	25654-31-3	0.01000	3.537	1.011	<div style="width: 95%; height: 10px; background-color: green;"></div>
d9-THC	1972-08-3	0.01000	2.436	0.6960	<div style="width: 75%; height: 10px; background-color: green;"></div>
CBC	20675-51-8	0.01000	0.06828	0.01951	<div style="width: 2%; height: 10px; background-color: green;"></div>
CBDV	24274-48-4	0.01000	0.01675	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
CBN	521-35-7	0.01000	0.01517	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
THCa	23978-85-0	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
d8-THC	5957-75-5	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
d10-THC	95543-62-7	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
THCV	31262-37-0	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
CBDa	1244-58-2	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>
CBGa	25555-57-1	0.01000	ND	ND	<div style="width: 0%; height: 10px; background-color: green;"></div>

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

# Certificate of Analysis

Final



Sample #: 2219

Inspire 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	0.61	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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 EMERALD CITY NY

 Cannabinoid  
 Manufacturer

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**Certificate of Analysis**

Final


**Sample #: 2219**
**Inspire 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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Final


**Sample #: 2219**
**Inspire 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.

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

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Final


**Sample #: 2219**
**Inspire 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	ND	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	62.81	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 #: 2219

Inspire 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	0.0201	Pass
Cadmium	0.00150	0.5	0.00317	Pass
Chromium	0.280	1100	ND	Pass
Copper	0.0750	300	0.211	Pass
Lead	0.00250	0.5	ND	Pass
Mercury	0.000500	3	ND	Pass
Nickel	0.0100	20	0.156	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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Final



Sample #: 2219

Inspire 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	ND	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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