

License #: OCM-AUCC-22-000090

Date Released: 5/11/2023 10:35:42AM

Report #: 1616

Grandpas Cookies

Sample #: 1203, Weight: 45.50g, Unit Count:

Order #: X230501-0002

Category/Type: Plant, Flower - Cured

Date Collected: 5/1/2023 5:39:21PM

Date Received: 5/1/2023 5:44:10PM

Date Analyzed: 5/4/2023 4:14:43PM

Regulator Sample ID: GC34501A

Regulator Source Package ID: GC34501A

Regulator Batch ID: GC34501A



Total Cannabinoids
24.67 %
246.7 mg/g



Total THC
20.58 %
205.8 mg/g



Total CBD
0.00 %
ND mg/g



Total Terpenes
2.9 %



Moisture
13.8 %



Heavy Metals
PASS



Microbials
PASS



Pesticides
PASS



Mycotoxins
PASS



Foreign Matter
PASS



Water Activity
PASS

Potency Analysis by HPLC

Total Cannabinoids: **24.67 % - 246.7 mg/g**

Total THC: **20.58 % - 205.8 mg/g**

Total CBD: **0.00 % - ND mg/g**

Date Completed: 05/03/2023 11:01AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.0010	23.18	231.8	92.5%
CBGa	25555-57-1	0.0010	1.24	12.4	5.0%
d9-THC	1972-08-3	0.0010	0.25	2.5	1.0%
d8-THC	5957-75-5	0.001	ND	ND	0.0%
d10-THC	95543-62-7	0.001	ND	ND	0.0%
THCV	31262-37-0	0.001	ND	ND	0.0%
CBD	13956-29-1	0.001	ND	ND	0.0%
CBDa	1244-58-2	0.001	ND	ND	0.0%
CBDV	24274-48-4	0.001	ND	ND	0.0%
CBC	20675-51-8	0.001	ND	ND	0.0%
CBG	25654-31-3	0.001	ND	ND	0.0%
CBN	521-35-7	0.001	ND	ND	0.0%

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.

Total CBD = CBD + (0.877*CBDa)

Total THC = d9-THC + d8-THC + d10-THC + (0.877*THCa) d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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Kelly N. Greenland

Dr. Kelly Greenland, Lab Director
5/11/2023 10:39:36AM

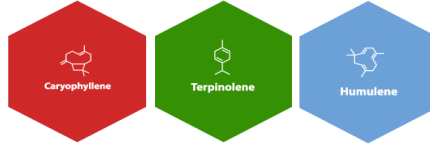


Sample #: 1203

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Terpenes by HS-GC-MS

Date Completed: 05/03/2023 10:13AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1	0.7	<div style="width: 70%;"></div>
Terpinolene	586-62-9	0.1	0.6	<div style="width: 60%;"></div>
alpha-Farnesene	502-61-4	0.1	0.4	<div style="width: 40%;"></div>
alpha-Humulene	6753-98-6	0.1	0.3	<div style="width: 30%;"></div>
cis-Ocimene	3338-55-4	0.1	0.3	<div style="width: 30%;"></div>
beta-Farnesene	18794-84-8	0.1	0.2	<div style="width: 20%;"></div>
alpha-Pinene	80-56-8	0.1	0.1	<div style="width: 10%;"></div>
beta-Myrcene	123-35-3	0.1	0.1	<div style="width: 10%;"></div>
beta-Pinene	127-91-3	0.1	0.1	<div style="width: 10%;"></div>
p-Mentha-1,5-diene	99-83-2	0.1	0.1	<div style="width: 10%;"></div>

Results based on dry weight

(-)-Borneol	464-45-9	0.1	ND
(-)-Caryophyllene Oxide	1139-30-6	0.1	ND
(-)-Isopulegol	89-79-2	0.1	ND
(+)-Borneol	464-43-7	0.1	ND
(+)-Cedrol	77-53-2	0.1	ND
(1R)-(+)-Camphor	464-49-3	0.1	ND
3-Carene	13466-78-9	0.1	ND
alpha-Bisabolol	515-69-5	0.1	ND
alpha-Cedrene	469-61-4	0.1	ND
alpha-Terpinene	99-86-5	0.1	ND
alpha-Terpineol	98-55-5	0.1	ND

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Sample #: 1203

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Compound	CAS#	LOQ (%)	%	Relative Concentration
Camphene	79-92-5	0.1	ND	
cis-Nerolidol	142-50-7	0.1	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1	ND	
Eucalyptol	470-82-6	0.1	ND	
Fenchone	1195-79-5	0.1	ND	
gamma-Terpinene	99-85-4	0.1	ND	
gamma-Terpineol	586-81-2	0.1	ND	
Geraniol	106-24-1	0.1	ND	
Geranyl Acetate	105-87-3	0.1	ND	
Guaiol	489-86-1	0.1	ND	
Hexahydro Thymol	15356-70-4	0.1	ND	
Linalool	78-70-6	0.1	ND	
Nerol	106-25-2	0.1	ND	
Pulegone	89-82-7	0.1	ND	
R(+)-Limonene	5989-27-5	0.1	ND	
Sabinene	3387-41-5	0.1	ND	
Sabinene Hydrate	546-79-2	0.1	ND	
trans-Nerolidol	40716-66-3	0.1	ND	
trans-Ocimene	3779-61-1	0.1	ND	
Valencene	4630-07-3	0.1	ND	

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

Foreign Matter by Microscopy

Pass

Date Completed: 05/02/2023 1:43 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.001	2.0	ND	Pass
Mammalian Excreta	0.001	0.03	ND	Pass
Stems	0.001	5.0	ND	Pass

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License #: OCM-AUCC-22-000090

Sample #: 1203

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

Moisture by Analyzer

Pass

Date Completed: 05/02/2023 1:43 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	13.8	Pass

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

Water Activity by Meter

Pass

Date Completed: 05/02/2023 1:43 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.50	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

Date Completed: 05/03/2023 9:58 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.01	0.5	ND	Pass
Acephate	0.01	0.4	ND	Pass
Acequinocyl	0.01	2	ND	Pass
Acetamiprid	0.01	0.2	ND	Pass
Aldicarb	0.01	0.4	ND	Pass
Azadirachtin	0.01	1	ND	Pass
Azoxystrobin	0.01	0.2	ND	Pass
Bifenazate	0.01	0.2	ND	Pass
Bifenthrin	0.01	0.2	ND	Pass
Boscalid	0.01	0.4	ND	Pass
Carbaryl	0.01	0.2	ND	Pass
Carbofuran	0.01	0.2	ND	Pass
Chlorantraniliprole	0.01	0.2	ND	Pass
Chloromequat Chloride	0.01	1	ND	Pass
Chlorpyrifos	0.01	0.2	ND	Pass

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Sample #: 1203

Grandpas Cookies

Pesticides by LCMSMS

Pass

Date Completed: 05/03/2023 9:58 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Clofentezine	0.01	0.2	ND	Pass
Coumaphos	0.01	1	ND	Pass
Cyfluthrin	0.01	1	ND	Pass
Cypermethrin	0.01	1	ND	Pass
Daminozide	0.01	1	ND	Pass
Diazinon	0.01	0.2	ND	Pass
Dichlorvos	0.01	1	ND	Pass
Dimethoate	0.01	0.2	ND	Pass
Dimethomorph	0.01	1	ND	Pass
Ethoprophos	0.01	0.2	ND	Pass
Etofenprox	0.01	0.4	ND	Pass
Etoxazole	0.01	0.2	ND	Pass
Fenhexamid	0.01	1	ND	Pass
Fenoxycarb	0.01	0.2	ND	Pass
Fenpyroximate	0.01	0.4	ND	Pass
Fipronil	0.01	0.4	ND	Pass
Fonicamid	0.01	1	ND	Pass
Fludioxonil	0.01	0.4	ND	Pass
Hexythiazox	0.01	1	ND	Pass
Imazalil	0.01	0.2	ND	Pass
Imidacloprid	0.01	0.4	ND	Pass
Indolebutyric Acid	0.01	1	ND	Pass
Kresoxim-methyl	0.01	0.4	ND	Pass
Malathion	0.01	0.2	ND	Pass
Metalaxyl	0.01	0.2	ND	Pass
Methiocarb	0.01	0.2	ND	Pass

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5/11/2023 10:39:36AM



Sample #: 1203

Grandpas Cookies

Pesticides by LCMSMS

Pass

Date Completed: 05/03/2023 9:58 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Mevinphos	0.01	1	ND	Pass
Myclobutanil	0.01	0.2	ND	Pass
Naled	0.01	0.5	ND	Pass
Oxamyl	0.01	1	ND	Pass
Paclobutrazol	0.01	0.4	ND	Pass
Permethrins, Total			0.00	Pass
Phosmet	0.01	0.2	ND	Pass
Piperonyl Butoxide	0.01	2	ND	Pass
Prallethrin	0.01	0.2	ND	Pass
Propiconazole	0.01	0.4	ND	Pass
Propoxur	0.01	0.2	ND	Pass
Pyrethrins Total	0.01	1	ND	Pass
Pyridaben	0.01	0.2	ND	Pass
Spinetoram Total			0.00	Pass
Spinosad Total	0.01	.2	ND	Pass
Spiromesifen	0.01	0.2	ND	Pass
Spirotetramat	0.01	0.2	ND	Pass
Spiroxamine	0.01	0.2	ND	Pass
Tebuconazole	0.01	0.4	ND	Pass
Thiacloprid	0.01	0.2	ND	Pass
Thiamethoxam	0.01	0.2	ND	Pass
Trifloxystrobin	0.01	0.2	ND	Pass

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

Mycotoxins by LCMSMS

Pass

Date Completed: 05/03/2023 9:58 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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 5/11/2023 10:39:36AM



Sample #: 1203

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Mycotoxins by LCMSMS

Pass

Date Completed: 05/03/2023 9:58 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.005	0.020	ND	Pass
Aflatoxin B2	0.005	0.020	ND	Pass
Aflatoxin G1	0.005	0.020	ND	Pass
Aflatoxin G2	0.005	0.020	ND	Pass
Ochratoxin A	0.005	0.020	ND	Pass
Total Aflatoxin	0.005	0.020	ND	Pass

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

Heavy Metals by ICPMS

Pass

Date Completed: 05/03/2023 11:16 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	2	ND	Pass
Arsenic	0.001	0.2	ND	Pass
Cadmium	0.0015	0.3	0.01	Pass
Chromium	0.275	110	0.4	Pass
Copper	0.075	30	10	Pass
Lead	0.0025	0.5	0.003	Pass
Mercury	0.0005	0.1	0.004	Pass
Nickel	0.01	2	ND	Pass

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

Micro by Petri & qPCR

Pass

Date Completed: 05/04/2023 4:14 pm

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

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5/11/2023 10:39:36AM



Sample #: 1203

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Micro by Petri & qPCR

Pass

Date Completed: 05/04/2023 4:14 pm

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
Total Aerobic Bacteria	10		ND	Pass
Total Yeast & Mold	10		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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