

Regulatory Compliance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 07/11/2024 | OVERALL BATCH RESULT: OPASS

SAMPLE NAME: Z x Georgia Pie

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address: Address:

SAMPLE DETAIL

Batch Number: Date Collected: Date Received: Batch Size: Sample ID: 240708M027 Source Metrc UID: 12246.99 grams Sample

Size: 43.5 grams Unit Mass:

Serving Size:

DISTRIBUTOR

Business Name:

License Number:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 30,3225% THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ 8-THC + CBL + CBN

Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa+ Δ^8 -THC) + Total Cannabinoids: 28.7365% (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) +

(CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + CBL + CBN Total THC/CBD is calculated using the following formulas to take into Total THC: 26.6171% account the loss of a carboxyl group during the decarboxylation step:

Total THC = Δ^9 -THC + (THCa (0.877)) + Δ^8 -THC Total CBD: 0.1501%

Total CBD = CBD + (CBDa (0.877))



CALCULATED USING DRY-WEIGHT

Moisture: 10.5%

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.5717%

β-Caryophyllene 5.626 mg/g

Limonene 2.597 mg/g

 α -Humulene 1.708 mg/g

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS Mycotoxins: PASS Heavy Metals: **⊘ PASS**

Water Activity: **OPASS** Microbiology: **OPASS** Foreign Material: PASS

These results relate only to the sample included on this report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied; PASS - Results within limits/specifications. FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:

Michael Pham Job Title: Senior Laboratory Analyst Date: 07/11/2024

Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 07/11/2024



Regulatory Compliance Testing

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CANNABINOID TEST RESULTS - 07/11/2024

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 28.7365%
Total Cannabinoids (Total THC) + (Total CBD) +
(Total CBG) + (Total CBC) +
(Total CBDV) + CBL + CBN

TOTAL THC: 26.6171% Total THC (Δ^{9} -THC+0.877*THCa+ Δ^{8} -THC)

TOTAL CBD: 0.1501% Total CBD (CBD+0.877*CBDa) TOTAL CBG: 1.4963% Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.1317% Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.3413% Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.062 / 0.250	±5.1269	277.130	27.7130
∆9-THC	0.047 / 0.250	±0.4348	2.128	.2128
CBGa	0.040 / 0.250	±0.4336	15.431	1.5431
CBCa	0.199 / 0.500	±0.1545	3.892	0.3892
CBDa	0.031 / 0.250	±0.0312	1.712	0.1712
THCVa	0.040 / 0.250	±0.0135	1.502	0.1502
CBG	0.037 / 0.250	±0.0186	1.430	0.1430
∆8-THC	0.075 / 0.250	N/A	ND	ND
THCV	0.052 / 0.250	N/A	ND	ND
CBD	0.062 / 0.250	N/A	ND	ND
CBDV	0.044 / 0.250	N/A	ND	ND
CBDVa	0.017 / 0.250	N/A	ND	ND
CBL	0.126 / 0.382	N/A	ND	ND
CBN	0.033 / 0.250	N/A	ND	ND
СВС	0.072 / 0.250	N/A	ND	ND
SUM OF CAN	NABINOIDS		303.225 mg/g	30.3225%

MOISTURE TEST RESULT

10.5% Tested 07/10/2

Tested 07/10/2024 Method: QSP 1224 -Loss on Drying (Moisture)

TERPENOID TEST RESULTS - 07/11/2024

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.004 / 0.013	±0.3027	5.626	0.5626
Limonene	0.005 / 0.016	±0.0847	2.597	0.2597
α-Humulene	0.009 / 0.031	±0.0919	1.708	0.1708
Linalool	0.009 / 0.030	±0.0495	1.259	0.1259
Guaiol	0.011 / 0.035	±0.0407	0.749	0.0749
trans-β-Farnesene	0.008 / 0.028	±0.0371	0.651	0.0651
Myrcene	0.007 / 0.025	±0.0195	0.550	0.0550

TERPENOID TEST RESULTS - 07/11/2024 continued

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Pinene	0.004 / 0.015	±0.0142	0.440	0.0440
α -Bisabolol	0.008 / 0.026	±0.0158	0.368	0.0368
Terpineol	0.008 / 0.025	±0.0192	0.313	0.0313
α-Pinene	0.005 / 0.015	±0.0097	0.271	0.0271
Fenchol	0.009 / 0.029	±0.0085	0.231	0.0231
Terpinolene	0.008 / 0.027	±0.0028	0.184	0.0184
Caryophyllene Oxide	0.011 / 0.038	±0.0104	0.175	0.0175
Nerolidol	0.006 / 0.020	±0.0138	0.174	0.0174
Valencene	0.010 / 0.033	±0.0075	0.145	0.0145
Camphene	0.004 / 0.014	±0.0021	0.065	0.0065
Borneol	0.004 / 0.014	±0.0027	0.058	0.0058
β-Ocimene	0.005 / 0.018	±0.0020	0.052	0.0052
Geranyl Acetate	0.004 / 0.012	±0.0021	0.039	0.0039
Geraniol	0.002 / 0.007	±0.0015	0.028	0.0028
γ -Terpinene	0.005 / 0.018	±0.0005	0.019	0.0019
Citronellol	0.003 / 0.010	±0.0004	0.015	0.0015
α-Phellandrene	0.006 / 0.019	N/A	<loq< th=""><th><l0q< th=""></l0q<></th></loq<>	<l0q< th=""></l0q<>
Δ³-Carene	0.005 / 0.018	N/A	<loq< th=""><th><l0q< th=""></l0q<></th></loq<>	<l0q< th=""></l0q<>
α-Terpinene	0.006 / 0.019	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Eucalyptol	0.005 / 0.018	N/A	<loq< th=""><th><l0q< th=""></l0q<></th></loq<>	<l0q< th=""></l0q<>
Sabinene Hydrate	0.007 / 0.022	N/A	<loq< th=""><th><l0q< th=""></l0q<></th></loq<>	<l0q< th=""></l0q<>
Fenchone	0.008 / 0.026	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Nerol	0.003 / 0.011	N/A	<loq< th=""><th><l0q< th=""></l0q<></th></loq<>	<l0q< th=""></l0q<>
Sabinene	0.004 / 0.014	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Isopulegol	0.004 / 0.013	N/A	ND	ND
Camphor	0.005 / 0.015	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
α-Cedrene	0.005 / 0.017	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
TOTAL TERPEN	OIDS		15.717 mg/g	1.5717%



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CATEGORY 1 PESTICIDE TEST RESULTS - 07/11/2024 PASS



Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Aldicarb $0.03/0.08$ ≥ LOD N/A ND PASS Carbofuran $0.02/0.05$ ≥ LOD N/A ND PASS Chlordane* $0.03/0.08$ ≥ LOD N/A ND PASS Chlorfenapyr* $0.03/0.10$ ≥ LOD N/A ND PASS Chlorpyrifos $0.02/0.06$ ≥ LOD N/A ND PASS Coumaphos $0.02/0.07$ ≥ LOD N/A ND PASS Daminozide $0.02/0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03/0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03/0.08$ ≥ LOD N/A ND PASS	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Chlordane* $0.03 / 0.08$ ≥ LOD N/A ND PASS Chlorfenapyr* $0.03 / 0.10$ ≥ LOD N/A ND PASS Chlorpyrifos $0.02 / 0.06$ ≥ LOD N/A ND PASS Coumaphos $0.02 / 0.07$ ≥ LOD N/A ND PASS Daminozide $0.02 / 0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr* $0.03 / 0.10$ ≥ LOD N/A ND PASS Chlorpyrifos $0.02 / 0.06$ ≥ LOD N/A ND PASS Coumaphos $0.02 / 0.07$ ≥ LOD N/A ND PASS Daminozide $0.02 / 0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorpyrifos $0.02 / 0.06$ ≥ LOD N/A ND PASS Coumaphos $0.02 / 0.07$ ≥ LOD N/A ND PASS Daminozide $0.02 / 0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Coumaphos $0.02 / 0.07$ ≥ LOD N/A ND PASS Daminozide $0.02 / 0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Daminozide $0.02 / 0.07$ ≥ LOD N/A ND PASS Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP) $0.03 / 0.09$ ≥ LOD N/A ND PASS Dimethoate $0.03 / 0.08$ ≥ LOD N/A ND PASS	Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
		0.03 / 0.09	≥ LOD	N/A	ND	PASS
Ethoprophos 0.03 / 0.10 > 1.00 N/A ND PASS	Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Lindpropries 0.037 6.76 E EOD TVA	Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox 0.02 / 0.06 ≥ LOD N/A ND PASS	Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb 0.03 / 0.08 ≥ LOD N/A ND PASS	Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fipronil $0.03 / 0.08 \ge LOD$ N/A ND PASS	Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Imazalil	Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb 0.02 / 0.07 ≥ LOD N/A ND PASS	Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Parathion-methyl $0.03 / 0.10 \ge LOD$ N/A ND PASS	Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Mevinphos 0.03 / 0.09 ≥ LOD N/A ND PASS	Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol 0.02 / 0.05 ≥ LOD N/A ND PASS	Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Propoxur 0.03 / 0.09 ≥ LOD N/A ND PASS	Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Spiroxamine 0.03 / 0.08 ≥ LOD N/A ND PASS	Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Thiacloprid $0.03 / 0.10 \ge LOD$ N/A ND PASS	Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 07/11/2024

\bigcirc	PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantranilip- role	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 07/11/2024 continued

COMPOUND	LOD/LOQ (μg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitro- benzene*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS



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PASS

MYCOTOXIN TEST RESULTS - 07/11/2024 PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (μg/kg)	MEASUREMENT UNCERTAINTY (μg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS

HEAVY METALS TEST RESULTS - 07/10/2024 PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT R	ESULT
Arsenic	0.02 / 0.1	0.2	N/A	<l0q< th=""><th>PASS</th></l0q<>	PASS
Cadmium	0.02 / 0.05	0.2	N/A	<loq< th=""><th>PASS</th></loq<>	PASS
Lead	0.04 / 0.1	0.5	N/A	<loq< th=""><th>PASS</th></loq<>	PASS
Mercury	0.002 / 0.01	0.1	N/A	<loq< th=""><th>PASS</th></loq<>	PASS

MICROBIOLOGY TEST RESULTS - 07/11/2024 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. Method: QSP 1221 - Analysis of Microbiological Contaminants

COMPOUND		ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing Escherichia coli		Not Detected in 1g	ND	PASS
Salmonella spp.		Not Detected in 1g	ND	PASS
Aspergillus fumigatu	s	Not Detected in 1g	ND	PASS
Aspergillus flavus		Not Detected in 1g	ND	PASS
Aspergillus niger		Not Detected in 1g	ND	PASS
Aspergillus terreus		Not Detected in 1g	ND	PASS

FOREIGN MATERIAL TEST RESULTS - 07/09/2024 PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	PASS
Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Hair Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count	> 1 per 3 grams	0.0	PASS

WATER ACTIVITY TEST RESULTS - 07/10/2024 PASS

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	0.030 / 0.15	0.65	±0.004	0.51	PASS