VERANO™

Certificate of Analysis

Verano
M00010CULPRORuskin001

Cultivation Facility:	Apollo Beach
Processing Facility:	Apollo Beach
Batch Date:	11/10/2026
Batch Size:	543.5 g
Batch Units:	1087
Units Sampled:	30
Total Amt. Sampled:	15 g
Seed to Sale ID:	9361576510712247
QA Sample ID:	3073245015417957

MPV191026-2247GPXGP

PASSED

Laboratory ID:	KK11020-02
Testing Matrix:	Derivative Product intended for inhalation
Sample Matrix:	Vape
Label Claim:	THC: -- mg | CBD: -- mg
Cultivar:	Georgia Pie x Gastro Pop
Description:	MUV Plus - 0.5g - Georgia Pie x Gastro Pop

Sample Date:	11/11/26	**Received:**	11/11/26 15:40
Exp. Date:	11/11/27	**Completed:**	11/13/26 18:37

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.354% (1.77 mg)	**78.8% (394 mg)**	**84.3% (421 mg)**

Analyte	%	mg
delta 9-THC	78.8	394
CBG	3.88	19.4
CBN	0.644	3.22
THCV	0.588	2.94
CBD	0.354	1.77
CBC	≤ 0.00297	≤ 0.015
CBDa	≤ 0.000807	≤ 0.0040
CBDV	≤ 0.000886	≤ 0.0044
CBGa	≤ 0.000630	≤ 0.0032
delta 8-THC	≤ 0.000620	≤ 0.0031
THCa	≤ 0.000669	≤ 0.0033

TERPENES SUMMARY (Top Ten)

Total Terpenes
3.67%

Analyte	%
beta-Caryophyllene	1.61
alpha-Humulene	0.453
alpha-Bisabolol	0.447
Linalool	0.316
trans-Nerolidol	0.229
alpha-Terpineol	0.195
Caryophyllene oxide	0.124
Fenchyl Alcohol	0.108
Guaiol	0.0802
(+/-)-Borneol	0.0590

ANALYSIS SUMMARY

Potency	Completed	**Homogeneity**	Not Tested	**Terpenes**	Completed
Residual Solvents	PASS	**% Moisture**	Not Tested	**Water Activity**	PASS
Foreign Matter	PASS	**Pesticides**	PASS	**Mycotoxins**	PASS
Heavy Metals	PASS	**Microbials**	PASS	**Label Claim**	Not Applicable

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LOQ = *Limit of Quantification* **ND** = *Non-Detect* **RPD** = *Relative Percent Difference* **MDL** = *Method Detection Limit* **PQL** = *Practical Quantitation Limit*

MODERN CANNA LABS
CMTL-0005
4705 Old Rd 37
Lakeland, FL 33813
www.moderncanna.com
863-608-7800

Richard Dillen
Laboratory Director

PJLA Testing
Accreditation #102020

MPV191026-2247GPXGP

Sample Matrix:	Vape	Lab ID:	**KK11020-02**
Cultivar:	Georgia Pie x Gastro Pop	Received:	11/11/26 15:40
Description:	MUV Plus - 0.5g - Georgia Pie x Gastro Pop	Completed:	11/13/26 18:37

Potency by HPLC

Batch: B6K1133 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 11/12/26 09:40 **Ana. By:** 1005 **Ana. On:** 11/13/26 02:03 **Initial (g):** 0.1016 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	78.8	100	0.127	0.984	Total CBD	0.354	1	0.00194	0.00984
delta 8-THC	≤0.000620	1	0.000620	0.00984	delta 9-THC	78.8	100	0.0679	0.984
THCa	≤0.000669	1	0.000669	0.00984	THCV	0.588	1	0.00144	0.00984
CBD	0.354	1	0.00129	0.00984	CBDa	≤0.000807	1	0.000807	0.00984
CBDV	≤0.000886	1	0.000886	0.00984	CBC	≤0.00297	1	0.00297	0.00984
CBG	3.88	100	0.0620	0.984	CBGa	≤0.000630	1	0.000630	0.00984
CBN	0.644	1	0.000748	0.00984					

Terpene Screen by GC/MS

Batch: B6K1046 **SOP:** MCS-SOP-O04 **Prep By:** 1005 **Prep On:** 11/11/26 16:20 **Ana. By:** 1028 **Ana. On:** 11/12/26 04:49 **Initial (g):** 0.1021 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	≤0.00490	1	0.00490	0.00979	Camphene	≤0.00490	1	0.00490	0.00979
beta-Pinene	≤0.00490	1	0.00490	0.00979	3-Carene	≤0.00490	1	0.00490	0.00979
alpha-Terpinene	≤0.00490	1	0.00490	0.00979	Camphor	≤0.00490	1	0.00490	0.00979
d-Limonene	0.0151	1	0.00490	0.00979	1,8-Cineole (Eucalyptol)	≤0.00490	1	0.00490	0.00979
gamma-Terpinene	≤0.00490	1	0.00490	0.00979	Terpinolene	0.0113	1	0.00490	0.00979
Isopulegol	≤0.00490	1	0.00490	0.00979	Linalool	0.316	1	0.00490	0.00979
Geraniol	≤0.00490	1	0.00490	0.00979	beta-Caryophyllene	1.61	1	0.00490	0.00979
alpha-Humulene	0.453	1	0.00490	0.00979	cis-Nerolidol	≤0.00490	1	0.00490	0.00979
Caryophyllene oxide	0.124	1	0.00490	0.00979	(+/-)-Fenchone	≤0.00490	1	0.00490	0.00979
(+/-)-Borneol	0.0590	1	0.00490	0.00979	(+)-Pulegone	≤0.00490	1	0.00490	0.00979
Cedrol	≤0.00490	1	0.00490	0.00979	Geranyl Acetate	≤0.00490	1	0.00490	0.00979
alpha-Bisabolol	0.447	1	0.00490	0.00979	alpha-Phellandrene	≤0.00490	1	0.00490	0.00979
alpha-Terpineol	0.195	1	0.00490	0.00979	Nerol	≤0.00490	1	0.00490	0.00979
Sabinene	≤0.00490	1	0.00490	0.00979	Valencene	≤0.00490	1	0.00490	0.00979
beta-Myrcene	0.0224	1	0.00490	0.00979	Sabinene Hydrate	≤0.00490	1	0.00490	0.00979
alpha-Cedrene	≤0.00490	1	0.00490	0.00979	Fenchyl Alcohol	0.108	1	0.00490	0.00979
Guaiol	0.0802	1	0.00490	0.00979	trans-Nerolidol	0.229	1	0.00490	0.00979
Isoborneol	≤0.00490	1	0.00490	0.00979	Ocimene, Total	≤0.00490	1	0.00490	0.00979
gamma-Terpineol	≤0.00490	1	0.00490	0.00979	Menthol	≤0.00490	1	0.00490	0.00979

Residual Solvents by GC/MS-HS

Batch: B6K1158 **SOP:** MCS-SOP-O03 **Prep By:** 1005 **Prep On:** 11/11/26 19:00 **Ana. By:** 1005 **Ana. On:** 11/12/26 03:26 **Initial (g):** 0.0218 **Final (g):** 20

Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL
Propane	≤91.7	1	5000	91.7	229	n-Butane	≤91.7	1	5000	91.7	229
Methanol	≤22.9	1	250	22.9	91.7	Ethylene Oxide	≤0.459	1	5	0.459	2.29
Ethanol	≤459	1	5000	459	550	Pentane	≤68.8	1	750	68.8	229
Ethyl Ether	≤45.9	1	500	45.9	229	Acetone	≤68.8	1	750	68.8	229
1,1-Dichloroethylene	≤0.282	1	8	0.282	1.38	Isopropyl Alcohol (2-Propanol)	≤45.9	1	500	45.9	229
Acetonitrile	≤5.50	1	60	5.50	27.5	Methylene Chloride	≤11.5	1	125	11.5	45.9
Hexane	≤22.9	1	250	22.9	115	Ethyl Acetate	≤36.7	1	400	36.7	183
Chloroform	≤0.183	1	2	0.183	0.917	1,2-Dichloroethane	≤0.165	1	2	0.165	0.917
Benzene	≤0.0526	1	1	0.0526	0.0917	Heptane	≤91.7	1	5000	91.7	229
Trichloroethene (Trichloroethylene)	≤2.29	1	25	2.29	11.5	Toluene	≤13.8	1	150	13.8	68.8
m/p-Xylenes	≤6.88	1	100	6.88	27.5	o-xylene	≤6.88	1	50	6.88	27.5

MPV191026-2247GPXGP

Sample Matrix: Vape
Cultivar: Georgia Pie x Gastro Pop
Description: MUV Plus - 0.5g - Georgia Pie x Gastro Pop

Lab ID: **KK11020-02**
Received: 11/11/26 15:40
Completed: 11/13/26 18:37

Water Activity by REH

Batch: B6K1169 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 11/12/26 10:51 **Ana. By:** 1048 **Ana. On:** 11/12/26 12:41 **Initial (g):** 0.1022 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.42	1	0.85	0.040	0.040

Foreign Matter

Batch: B6K1173 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 11/12/26 10:00 **Ana. By:** 1048 **Ana. On:** 11/12/26 10:30 **Initial (g):** 1 **Final (g):** 1

Analyte (P/A)	Result	Diln	Reg. Limit	Analyte (P/A)	Result	Diln	Reg. Limit
Foreign Matter	Absent	1	1% wgt or 10% area	Visible Fungi	Absent	1	1
Visible Feces	Absent	1	1				

Pesticides by LC-QQQ

Batch: B6K1050 **SOP:** MCS-SOP-O01b **Prep By:** 1067 **Prep On:** 11/11/26 17:36 **Ana. By:** 1067 **Ana. On:** 11/12/26 02:58 **Initial (g):** 0.1044 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<17.3	10	100	17.3	47.9	Acephate	<11.9	10	100	11.9	47.9
Acequinocyl	<7.09	10	100	7.09	47.9	Acetamiprid	<6.13	10	100	6.13	47.9
Aldicarb	<18.0	10	100	18.0	47.9	Azoxystrobin	<8.81	10	100	8.81	23.9
Bifenazate	<9.10	10	100	9.10	47.9	Bifenthrin	<14.4	10	100	14.4	47.9
Boscalid	<28.0	10	100	28.0	47.9	Chlorpyrifos	<8.14	10	100	8.14	23.9
Carbaryl	<14.9	10	500	14.9	47.9	Carbofuran	<7.09	10	100	7.09	12.0
Chlorantraniliprole	<15.3	10	1000	15.3	120	Chlormequat chloride	<5.94	10	1000	5.94	47.9
Clofentezine	<9.39	10	200	9.39	47.9	Coumaphos	<13.0	10	100	13.0	23.9
Cyfluthrin	<73.5	10	500	73.5	192	Cypermethrin	<18.4	10	500	18.4	120
Daminozide	<14.9	10	100	14.9	47.9	Diazinon	<5.27	10	100	5.27	23.9
Dichlorvos	<19.1	10	100	19.1	47.9	Dimethoate	<2.20	10	100	2.20	12.0
Dimethomorph, Total	<5.84	10	200	5.84	47.9	Ethoprophos	<10.2	10	100	10.2	47.9
Etofenprox	<7.95	10	100	7.95	47.9	Etoxazole	<7.09	10	100	7.09	47.9
Fenhexamid	<9.48	10	100	9.48	47.9	Fenoxycarb	<8.62	10	100	8.62	23.9
Fenpyroximate	<4.31	10	100	4.31	47.9	Fipronil	<22.7	10	100	22.7	47.9
Flonicamid	<8.05	10	100	8.05	47.9	Fludioxonil	<16.9	10	100	16.9	47.9
Hexythiazox	<5.84	10	100	5.84	47.9	Imazalil	<10.2	10	100	10.2	47.9
Imidacloprid	<8.72	10	400	8.72	95.8	Kresoxim-Methyl	<8.52	10	100	8.52	47.9
Malathion	<28.0	10	200	28.0	47.9	Metalaxyl	<9.48	10	100	9.48	47.9
Methiocarb	<17.5	10	100	17.5	47.9	Methomyl	<3.74	10	100	3.74	23.9
Mevinphos	<10.2	10	100	10.2	47.9	Myclobutanil	<13.7	10	100	13.7	47.9
Dibrom (Naled)	<18.3	10	250	18.3	47.9	Oxamyl	<4.02	10	250	4.02	12.0
Paclobutrazol	<14.1	10	100	14.1	47.9	Permethrin	<7.66	10	100	7.66	47.9
Phosmet	<8.62	10	100	8.62	47.9	Piperonyl butoxide	<19.2	10	3000	19.2	479
Prallethrin	<11.2	10	100	11.2	47.9	Propiconazole (Tilt)	17.4	10	100	8.62	47.9
Pyridaben	<2.97	10	200	2.97	47.9	Pyrethrins, Total	<10.3	10	500	10.3	47.9
Spinetoram, Total	<6.42	10	200	6.42	47.9	Spiromesifen	<6.99	10	100	6.99	12.0
Spirotetramat	<8.43	10	100	8.43	47.9	Spiroxamine	<14.4	10	100	14.4	47.9
Tebuconazole	<7.57	10	100	7.57	47.9	Thiacloprid	<3.16	10	100	3.16	47.9
Thiamethoxam	<4.31	10	500	4.31	95.8	Trifloxystrobin	<7.85	10	100	7.85	47.9
Baygon (Propoxur)	<5.65	10	100	5.65	47.9	Spinosad, Total	<8.52	10	100	8.52	34.7

Pesticides by GC-QQQ

Batch: B6K1050 **SOP:** MCS-SOP-O01a **Prep By:** 1067 **Prep On:** 11/11/26 17:36 **Ana. By:** 1005 **Ana. On:** 11/11/26 21:01 **Initial (g):** 0.1044 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	≤28.7	5	150	28.7	71.8	Methyl parathion	≤16.4	5	100	16.4	47.9
Chlordane, Total	≤19.2	5	100	19.2	47.9	Chlorfenapyr	≤19.2	5	100	19.2	47.9

MPV191026-2247GPXGP

Sample Matrix:	Vape	Lab ID:	**KK11020-02**
Cultivar:	Georgia Pie x Gastro Pop	Received:	11/11/26 15:40
Description:	MUV Plus - 0.5g - Georgia Pie x Gastro Pop	Completed:	11/13/26 18:37

Mycotoxins by LC-QQQ

Batch: B6K1050 **SOP:** MCS-SOP-O01b | **Prep By:** 1067 **Prep On:** 11/11/26 17:36 | **Ana. By:** 1067 **Ana. On:** 11/11/26 21:35 | **Initial (g):** 0.1044 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	<5.63	10	20	5.63	9.58	Ochratoxin A	<4.83	10	20	4.83	9.58
Aflatoxin G2	<14.3	10	20	14.3	19.2	Aflatoxin G1	<6.21	10	20	6.21	14.4
Aflatoxin B2	<7.43	10	20	7.43	14.4	Aflatoxin B1	<5.63	10	20	5.63	9.58

Total Metals by ICP-MS

Batch: B6K1162 **SOP:** MCS-SOP-I01 | **Prep By:** 1005 **Prep On:** 11/12/26 14:18 | **Ana. By:** 1005 **Ana. On:** 11/12/26 17:14 | **Initial (g):** 0.2573 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<19.4	1	200	19.4	97.2	Cadmium	<19.4	1	200	19.4	97.2
Lead	<97.2	1	500	97.2	243	Mercury	<19.4	1	200	19.4	48.6
Nickel	114	1	500	97.2	243	Tin	<389	1	4000	389	1940

Microbials by qPCR

Batch: B6K1140 **SOP:** MCS-SOP-M01 | **Prep By:** 1005 **Prep On:** 11/12/26 08:54 | **Ana. By:** 1058 **Ana. On:** 11/13/26 11:27 | **Initial (g):** 1.0024 **Final (g):** 2.4

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B6K1141 **SOP:** MCS-SOP-M01 | **Prep By:** 1005 **Prep On:** 11/12/26 13:24 | **Ana. By:** 1005 **Ana. On:** 11/12/26 14:54 | **Initial (g):** 1.0024 **Final (g):** 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000

Total Contaminant Load by Calculation

Analyte (ppm)	Result	Reg. Limit
Total Contaminant Load	0.13	5