VERANO™

Certificate of Analysis

Verano
M00010CULPRORuskin001

Cultivation Facility:	Apollo Beach
Processing Facility:	Apollo Beach
Batch Date:	10/14/2026
Batch Size:	599 g
Batch Units:	1198
Units Sampled:	30
Total Amt. Sampled:	15 g
Seed to Sale ID:	7180806315997631
QA Sample ID:	6261343457962583

MPV240926-7631GBG

PASSED

Laboratory ID:	KJ14017-01
Testing Matrix:	Derivative Product intended for inhalation
Sample Matrix:	Vape
Label Claim:	THC: -- mg | CBD: -- mg
Cultivar:	GrpeBblGm
Description:	MUV Plus - 0.5g - GrpeBblGm

Sample Date:	10/14/26	**Received:**	10/14/26 15:15
Exp. Date:	10/14/27	**Completed:**	10/19/26 10:24

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.299% (1.50 mg)	**83.9% (420 mg)**	**88.5% (442 mg)**

Analyte	%	mg
delta 9-THC	83.9	420
CBG	2.96	14.8
CBN	0.557	2.79
THCV	0.538	2.69
CBD	0.299	1.50
CBC	0.211	1.06
CBDa	≤ 0.000813	≤ 0.0041
CBDV	≤ 0.000892	≤ 0.0045
CBGa	≤ 0.000634	≤ 0.0032
delta 8-THC	≤ 0.000624	≤ 0.0031
THCa	≤ 0.000674	≤ 0.0034

TERPENES SUMMARY (Top Ten)

Total Terpenes

3.46%

Analyte	%
beta-Caryophyllene	1.26
alpha-Bisabolol	0.472
alpha-Humulene	0.414
Linalool	0.262
Guaiol	0.261
trans-Nerolidol	0.258
alpha-Terpineol	0.181
Caryophyllene oxide	0.107
Fenchyl Alcohol	0.0963
(+/-)-Borneol	0.0572

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*

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CMTL-0005

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Richard Dillen
Laboratory Director

PJLA Testing
Accreditation #102020

MPV240926-7631GBG

Sample Matrix: Vape
Cultivar: GrpeBblGm
Description: MUV Plus - 0.5g - GrpeBblGm

Lab ID: **KJ14017-01**
Received: 10/14/26 15:15
Completed: 10/19/26 10:24

Potency by HPLC

Batch: B6J1427 **SOP:** MCS-SOP-O02 | **Prep By:** 1005 **Prep On:** 10/15/26 09:15 | **Ana. By:** 1057 **Ana. On:** 10/16/26 01:03 | **Initial (g):** 0.1009 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	83.9	100	0.128	0.991	Total CBD	0.299	1	0.00195	0.00991
delta 8-THC	≤0.000624	1	0.000624	0.00991	delta 9-THC	83.9	100	0.0684	0.991
THCa	≤0.000674	1	0.000674	0.00991	THCV	0.538	1	0.00145	0.00991
CBD	0.299	1	0.00130	0.00991	CBDa	≤0.000813	1	0.000813	0.00991
CBDV	≤0.000892	1	0.000892	0.00991	CBC	0.211	1	0.00299	0.00991
CBG	2.96	100	0.0624	0.991	CBGa	≤0.000634	1	0.000634	0.00991
CBN	0.557	1	0.000753	0.00991					

Terpene Screen by GC/MS

Batch: B6J1321 **SOP:** MCS-SOP-O04 | **Prep By:** 1028 **Prep On:** 10/14/26 18:02 | **Ana. By:** 1062 **Ana. On:** 10/14/26 19:16 | **Initial (g):** 0.1003 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	≤0.00499	1	0.00499	0.00997	Camphene	≤0.00499	1	0.00499	0.00997
beta-Pinene	≤0.00499	1	0.00499	0.00997	3-Carene	≤0.00499	1	0.00499	0.00997
alpha-Terpinene	≤0.00499	1	0.00499	0.00997	Camphor	≤0.00499	1	0.00499	0.00997
d-Limonene	0.0324	1	0.00499	0.00997	1,8-Cineole (Eucalyptol)	≤0.00499	1	0.00499	0.00997
gamma-Terpinene	≤0.00499	1	0.00499	0.00997	Terpinolene	0.0170	1	0.00499	0.00997
Isopulegol	≤0.00499	1	0.00499	0.00997	Linalool	0.262	1	0.00499	0.00997
Geraniol	≤0.00499	1	0.00499	0.00997	beta-Caryophyllene	1.26	1	0.00499	0.00997
alpha-Humulene	0.414	1	0.00499	0.00997	cis-Nerolidol	≤0.00499	1	0.00499	0.00997
Caryophyllene oxide	0.107	1	0.00499	0.00997	(+/-)-Fenchone	0.00668	1	0.00499	0.00997
(+/-)-Borneol	0.0572	1	0.00499	0.00997	(+)-Pulegone	≤0.00499	1	0.00499	0.00997
Cedrol	≤0.00499	1	0.00499	0.00997	Geranyl Acetate	≤0.00499	1	0.00499	0.00997
alpha-Bisabolol	0.472	1	0.00499	0.00997	alpha-Phellandrene	≤0.00499	1	0.00499	0.00997
alpha-Terpineol	0.181	1	0.00499	0.00997	Nerol	≤0.00499	1	0.00499	0.00997
Sabinene	≤0.00499	1	0.00499	0.00997	Valencene	≤0.00499	1	0.00499	0.00997
beta-Myrcene	0.0342	1	0.00499	0.00997	Sabinene Hydrate	≤0.00499	1	0.00499	0.00997
alpha-Cedrene	≤0.00499	1	0.00499	0.00997	Fenchyl Alcohol	0.0963	1	0.00499	0.00997
Guaiol	0.261	1	0.00499	0.00997	trans-Nerolidol	0.258	1	0.00499	0.00997
Isoborneol	≤0.00499	1	0.00499	0.00997	Ocimene, Total	≤0.00499	1	0.00499	0.00997
gamma-Terpineol	≤0.00499	1	0.00499	0.00997	Menthol	≤0.00499	1	0.00499	0.00997

Residual Solvents by GC/MS-HS

Batch: B6J1415 **SOP:** MCS-SOP-O03 | **Prep By:** 1005 **Prep On:** 10/14/26 19:10 | **Ana. By:** 1005 **Ana. On:** 10/15/26 02:18 | **Initial (g):** 0.0208 **Final (g):** 20

Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL
Propane	≤96.2	1	5000	96.2	240	n-Butane	≤96.2	1	5000	96.2	240
Methanol	≤24.0	1	250	24.0	96.2	Ethylene Oxide	≤0.481	1	5	0.481	2.40
Ethanol	≤481	1	5000	481	577	Pentane	≤72.1	1	750	72.1	240
Ethyl Ether	≤48.1	1	500	48.1	240	Acetone	≤72.1	1	750	72.1	240
1,1-Dichloroethylene	≤0.295	1	8	0.295	1.44	Isopropyl Alcohol (2-Propanol)	≤48.1	1	500	48.1	240
Acetonitrile	≤5.77	1	60	5.77	28.8	Methylene Chloride	≤12.0	1	125	12.0	48.1
Hexane	≤24.0	1	250	24.0	120	Ethyl Acetate	≤38.5	1	400	38.5	192
Chloroform	≤0.192	1	2	0.192	0.962	1,2-Dichloroethane	≤0.173	1	2	0.173	0.962
Benzene	≤0.0551	1	1	0.0551	0.0962	Heptane	≤96.2	1	5000	96.2	240
Trichloroethene (Trichloroethylene)	≤2.40	1	25	2.40	12.0	Toluene	≤14.4	1	150	14.4	72.1
m/p-Xylenes	≤7.21	1	100	7.21	28.8	o-xylene	≤7.21	1	50	7.21	28.8

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MPV240926-7631GBG

Sample Matrix: Vape
Cultivar: GrpeBblGm
Description: MUV Plus - 0.5g - GrpeBblGm

Lab ID: **KJ14017-01**
Received: 10/14/26 15:15
Completed: 10/19/26 10:24

Water Activity by REH

Batch: B6J1442 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 10/15/26 11:08 **Ana. By:** 1005 **Ana. On:** 10/16/26 11:30 **Initial (g):** 0.1003 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.45	1	0.85	0.040	0.040

Foreign Matter

Batch: B6J1454 **SOP:** MCS-SOP-G01 **Prep By:** 1044 **Prep On:** 10/14/26 18:59 **Ana. By:** 1044 **Ana. On:** 10/14/26 22:02 **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: B6J1244 **SOP:** MCS-SOP-O01b **Prep By:** 1030 **Prep On:** 10/14/26 16:31 **Ana. By:** 1067 **Ana. On:** 10/15/26 17:31 **Initial (g):** 0.1039 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<17.4	10	100	17.4	48.1	Acephate	<11.9	10	100	11.9	48.1
Acequinocyl	<7.12	10	100	7.12	48.1	Acetamiprid	<6.16	10	100	6.16	48.1
Aldicarb	<18.1	10	100	18.1	48.1	Azoxystrobin	<8.85	10	100	8.85	24.1
Bifenazate	<9.14	10	100	9.14	48.1	Bifenthrin	<14.4	10	100	14.4	48.1
Boscalid	<28.1	10	100	28.1	48.1	Chlorpyrifos	<8.18	10	100	8.18	24.1
Carbaryl	<15.0	10	500	15.0	48.1	Carbofuran	<7.12	10	100	7.12	12.0
Chlorantraniliprole	<15.4	10	1000	15.4	120	Chlormequat chloride	<5.97	10	1000	5.97	48.1
Clofentezine	<9.43	10	200	9.43	48.1	Coumaphos	<13.1	10	100	13.1	24.1
Cyfluthrin	<73.8	10	500	73.8	192	Cypermethrin	<18.5	10	500	18.5	120
Daminozide	<15.0	10	100	15.0	48.1	Diazinon	<5.29	10	100	5.29	24.1
Dichlorvos	<19.2	10	100	19.2	48.1	Dimethoate	<2.21	10	100	2.21	12.0
Dimethomorph, Total	<5.87	10	200	5.87	48.1	Ethoprophos	<10.2	10	100	10.2	48.1
Etofenprox	<7.99	10	100	7.99	48.1	Etoxazole	<7.12	10	100	7.12	48.1
Fenhexamid	<9.53	10	100	9.53	48.1	Fenoxycarb	<8.66	10	100	8.66	24.1
Fenpyroximate	<4.33	10	100	4.33	48.1	Fipronil	<22.8	10	100	22.8	48.1
Flonicamid	<8.08	10	100	8.08	48.1	Fludioxonil	<16.9	10	100	16.9	48.1
Hexythiazox	<5.87	10	100	5.87	48.1	Imazalil	<10.3	10	100	10.3	48.1
Imidacloprid	<8.76	10	400	8.76	96.2	Kresoxim-Methyl	<8.57	10	100	8.57	48.1
Malathion	<28.1	10	200	28.1	48.1	Metalaxyl	<9.53	10	100	9.53	48.1
Methiocarb	<17.6	10	100	17.6	48.1	Methomyl	<3.75	10	100	3.75	24.1
Mevinphos	<10.2	10	100	10.2	48.1	Myclobutanil	<13.8	10	100	13.8	48.1
Dibrom (Naled)	<18.4	10	250	18.4	48.1	Oxamyl	<4.04	10	250	4.04	12.0
Paclobutrazol	<14.1	10	100	14.1	48.1	Permethrin	<7.70	10	100	7.70	48.1
Phosmet	<8.66	10	100	8.66	48.1	Piperonyl butoxide	<19.2	10	3000	19.2	481
Prallethrin	<11.3	10	100	11.3	48.1	Propiconazole (Tilt)	<8.66	10	100	8.66	48.1
Pyridaben	<2.98	10	200	2.98	48.1	Pyrethrins, Total	<10.4	10	500	10.4	48.1
Spinetoram, Total	<6.45	10	200	6.45	48.1	Spiromesifen	<7.03	10	100	7.03	12.0
Spirotetramat	<8.47	10	100	8.47	48.1	Spiroxamine	<14.4	10	100	14.4	48.1
Tebuconazole	<7.60	10	100	7.60	48.1	Thiacloprid	<3.18	10	100	3.18	48.1
Thiamethoxam	<4.33	10	500	4.33	96.2	Trifloxystrobin	<7.89	10	100	7.89	48.1
Baygon (Propoxur)	<5.68	10	100	5.68	48.1	Spinosad, Total	<8.57	10	100	8.57	34.9

Pesticides by GC-QQQ

Batch: B6J1244 **SOP:** MCS-SOP-O01a **Prep By:** 1030 **Prep On:** 10/14/26 16:31 **Ana. By:** 1040 **Ana. On:** 10/15/26 00:15 **Initial (g):** 0.1039 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	≤28.9	5	150	28.9	72.2	Methyl parathion	≤16.5	5	100	16.5	48.1
Chlordane, Total	≤19.2	5	100	19.2	48.1	Chlorfenapyr	≤19.2	5	100	19.2	48.1

MPV240926-7631GBG

Sample Matrix: Vape
Cultivar: GrpeBblGm
Description: MUV Plus - 0.5g - GrpeBblGm

Lab ID: **KJ14017-01**
Received: 10/14/26 15:15
Completed: 10/19/26 10:24

Mycotoxins by LC-QQQ

Batch: B6J1244 **SOP:** MCS-SOP-O01b
Prep By: 1030 **Prep On:** 10/14/26 16:31
Ana. By: 1067 **Ana. On:** 10/15/26 07:15
Initial (g): 0.1039 **Final (g):** 5

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	<5.66	10	20	5.66	9.62	Ochratoxin A	<4.85	10	20	4.85	9.62
Aflatoxin G2	<14.3	10	20	14.3	19.2	Aflatoxin G1	<6.24	10	20	6.24	14.4
Aflatoxin B2	<7.47	10	20	7.47	14.4	Aflatoxin B1	<5.66	10	20	5.66	9.62

Total Metals by ICP-MS

Batch: B6J1438 **SOP:** MCS-SOP-I01
Prep By: 1005 **Prep On:** 10/15/26 13:44
Ana. By: 1005 **Ana. On:** 10/16/26 13:39
Initial (g): 0.2568 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<19.5	1	200	19.5	97.4	Cadmium	<19.5	1	200	19.5	97.4
Lead	<48.7	1	500	48.7	243	Mercury	<19.5	1	200	19.5	48.7
Nickel	<97.4	1	500	97.4	243	Tin	<389	1	4000	389	1950

Microbials by qPCR

Batch: B6J1428 **SOP:** MCS-SOP-M01
Prep By: 1051 **Prep On:** 10/15/26 09:55
Ana. By: 1058 **Ana. On:** 10/16/26 12:30
Initial (g): 1.0096 **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: B6J1429 **SOP:** MCS-SOP-M01
Prep By: 1005 **Prep On:** 10/15/26 13:36
Ana. By: 1069 **Ana. On:** 10/15/26 15:06
Initial (g): 1.0058 **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	0.00	5