VERANO™

Certificate of Analysis

Verano
M00010CULPRORuskin001

Cultivation Facility:	Apollo Beach
Processing Facility:	Apollo Beach
Batch Date:	08/05/2026
Batch Size:	196110 g
Batch Units:	4358
Units Sampled:	16
Total Amt. Sampled:	720 g
Seed to Sale ID:	1001769736875171
QA Sample ID:	4129314905844841

MMN030826-9497

PASSED

Laboratory ID:	KH06017-01
Testing Matrix:	Edible
Sample Matrix:	Soft Chews
Label Claim:	THC: 100 mg | CBD: 100 mg
Cultivar:	N/A
Description:	MUV SC Mandarin 1:1 - CBD/THC

Sample Date:	08/06/26	**Received:**	08/06/26 17:31
Exp. Date:	08/06/27	**Completed:**	08/10/26 19:06

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.230%	**0.226%**	**0.470% (213 mg)**

Analyte	%	mg
CBD	0.230	104
delta 9-THC	0.226	103
CBG	0.0136	6.17
CBC	≤ 0.00749	≤ 3.40
CBDa	≤ 0.00200	≤ 0.908
CBDV	≤ 0.00220	≤ 0.999
CBGa	≤ 0.00160	≤ 0.726
CBN	≤ 0.00190	≤ 0.863
delta 8-THC	≤ 0.00160	≤ 0.726
THCa	≤ 0.00170	≤ 0.772

EDIBLES SUMMARY

Per Serving

Total THC	Total CBD
10.3 mg	**10.4 mg**

Per Package

Total THC	Total CBD
103 mg (+3.0%)	**104 mg** (+4.0%)

Homogeneity Summary	Result
Total Avg Wgt (g)	45.4
Individual Avg Wgt (g)	4.54
STD Dev (%)	3.20

ANALYSIS SUMMARY

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

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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

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Richard Dillen
Laboratory Director

PJLA Testing
Accreditation #102020

MMN030826-9497

Sample Matrix:	Soft Chews	Lab ID:	**KH06017-01**
Cultivar:	N/A	Received:	08/06/26 17:31
Description:	MUV SC Mandarin 1:1 - CBD/THC	Completed:	08/10/26 19:06

Potency by HPLC

Batch: B6H0607 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 8/6/26 18:58 **Ana. By:** 1057 **Ana. On:** 8/7/26 17:45 **Initial (g):** 1.0012 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	0.226	10	0.00320	0.0468	Total CBD	0.230	10	0.00489	0.0468
delta 8-THC	≤0.00160	10	0.00160	0.0250	delta 9-THC	0.226	10	0.00170	0.0250
THCa	≤0.00170	10	0.00170	0.0250	THCV	≤0.00360	10	0.00360	0.0250
CBD	0.230	10	0.00330	0.0250	CBDa	≤0.00200	10	0.00200	0.0250
CBDV	≤0.00220	10	0.00220	0.0250	CBC	≤0.00749	10	0.00749	0.0250
CBG	0.0136	10	0.00160	0.0250	CBGa	≤0.00160	10	0.00160	0.0250
CBN	≤0.00190	10	0.00190	0.0250					

Residual Solvents by GC/MS-HS

Batch: B6H0648 **SOP:** MCS-SOP-O03 **Prep By:** 1005 **Prep On:** 8/6/26 20:00 **Ana. By:** 1005 **Ana. On:** 8/7/26 08:18 **Initial (g):** 0.0195 **Final (g):** 20

Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppm)	Result	Diln	Reg. Limit	MDL	PQL
Propane	≤103	1	5000	103	256	n-Butane	≤103	1	5000	103	256
Methanol	≤25.6	1	250	25.6	103	Ethylene Oxide	≤0.513	1	5	0.513	2.56
Ethanol	≤513	1	5000	513	615	Pentane	≤76.9	1	750	76.9	256
Ethyl Ether	≤51.3	1	500	51.3	256	Acetone	≤76.9	1	750	76.9	256
1,1-Dichloroethylene	≤0.315	1	8	0.315	1.54	Isopropyl Alcohol (2-Propanol)	≤51.3	1	500	51.3	256
Acetonitrile	≤6.15	1	60	6.15	30.8	Methylene Chloride	≤12.8	1	125	12.8	51.3
Hexane	≤25.6	1	250	25.6	128	Ethyl Acetate	≤41.0	1	400	41.0	205
Chloroform	≤0.205	1	2	0.205	1.03	1,2-Dichloroethane	≤0.185	1	2	0.185	1.03
Benzene	≤0.0588	1	1	0.0588	0.103	Heptane	≤103	1	5000	103	256
Trichloroethene (Trichloroethylene)	≤2.56	1	25	2.56	12.8	Toluene	≤15.4	1	150	15.4	76.9
m/p-Xylenes	≤7.69	1	100	7.69	30.8	o-xylene	≤7.69	1	50	7.69	30.8

Water Activity by REH

Batch: B6H0611 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 8/6/26 18:48 **Ana. By:** 1005 **Ana. On:** 8/7/26 10:56 **Initial (g):** 0.1011 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.62	1	0.85	0.040	0.040

Foreign Matter

Batch: B6H0643 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 8/6/26 18:00 **Ana. By:** 1048 **Ana. On:** 8/6/26 18:05 **Initial (g):** 1 **Final (g):** 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

MMN030826-9497

Sample Matrix:	Soft Chews	Lab ID:	**KH06017-01**
Cultivar:	N/A	Received:	08/06/26 17:31
Description:	MUV SC Mandarin 1:1 - CBD/THC	Completed:	08/10/26 19:06

Pesticides by LC-QQQ

Batch: B6H0609 **SOP:** MCS-SOP-O01b | **Prep By:** 1005 **Prep On:** 8/6/26 18:53 | **Ana. By:** 1067 **Ana. On:** 8/7/26 17:09 | **Initial (g):** 1.0015 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<8.99	10	300	8.99	49.9	Acephate	<6.19	10	3000	6.19	49.9
Acequinocyl	<3.69	10	2000	3.69	49.9	Acetamiprid	<3.20	10	3000	3.20	49.9
Aldicarb	<9.39	10	100	9.39	49.9	Azoxystrobin	<4.59	10	3000	4.59	25.0
Bifenazate	<4.69	10	3000	4.69	49.9	Bifenthrin	<3.89	10	500	3.89	49.9
Boscalid	<14.6	10	3000	14.6	49.9	Carbaryl	<7.79	10	500	7.79	49.9
Carbofuran	<3.69	10	100	3.69	12.5	Chlorantraniliprole	<7.99	10	3000	7.99	125
Chlormequat chloride	<3.10	10	3000	3.10	49.9	Chlorpyrifos	<4.19	10	100	4.19	25.0
Clofentezine	<4.89	10	500	4.89	49.9	Coumaphos	<6.79	10	100	6.79	25.0
Cyfluthrin	<38.3	10	1000	38.3	200	Cypermethrin	<9.59	10	1000	9.59	125
Daminozide	<7.79	10	100	7.79	49.9	Diazinon	<2.70	10	200	2.70	25.0
Dichlorvos	<9.99	10	100	9.99	49.9	Dimethoate	<1.10	10	100	1.10	12.5
Dimethomorph, Total	<3.10	10	3000	3.10	49.9	Ethoprophos	<5.29	10	100	5.29	49.9
Etofenprox	<4.09	10	100	4.09	49.9	Etoxazole	<3.69	10	1500	3.69	49.9
Fenhexamid	<4.89	10	3000	4.89	49.9	Fenoxycarb	<4.49	10	100	4.49	25.0
Fenpyroximate	<2.20	10	2000	2.20	49.9	Fipronil	<11.9	10	100	11.9	49.9
Flonicamid	<4.19	10	2000	4.19	49.9	Fludioxonil	<8.79	10	3000	8.79	49.9
Hexythiazox	<3.10	10	2000	3.10	49.9	Imazalil	<5.29	10	100	5.29	49.9
Imidacloprid	<4.49	10	3000	4.49	99.9	Kresoxim-Methyl	<4.49	10	1000	4.49	49.9
Malathion	<14.6	10	2000	14.6	49.9	Metalaxyl	<4.99	10	3000	4.99	49.9
Methiocarb	<9.09	10	100	9.09	49.9	Methomyl	<2.00	10	100	2.00	25.0
Mevinphos	<5.29	10	100	5.29	49.9	Myclobutanil	<7.09	10	3000	7.09	49.9
Dibrom (Naled)	<9.59	10	500	9.59	49.9	Oxamyl	<2.10	10	500	2.10	12.5
Paclobutrazol	<7.39	10	100	7.39	49.9	Permethrin	<3.99	10	1000	3.99	49.9
Phosmet	<4.49	10	200	4.49	49.9	Piperonyl butoxide	<20.0	10	3000	20.0	499
Prallethrin	<5.79	10	400	5.79	49.9	Propiconazole (Tilt)	<4.49	10	1000	4.49	49.9
Baygon (Propoxur)	<3.00	10	100	3.00	49.9	Pyrethrins, Total	<5.39	10	1000	5.39	49.9
Pyridaben	<1.60	10	3000	1.60	49.9	Spinetoram, Total	<3.30	10	3000	3.30	49.9
Spiromesifen	<3.59	10	3000	3.59	12.5	Spirotetramat	<4.39	10	3000	4.39	49.9
Spiroxamine	<2.50	10	100	2.50	49.9	Tebuconazole	<3.89	10	1000	3.89	49.9
Thiacloprid	<1.60	10	100	1.60	49.9	Thiamethoxam	<2.20	10	1000	2.20	99.9
Trifloxystrobin	<4.09	10	3000	4.09	49.9	Spinosad, Total	<4.39	10	3000	4.39	36.2

Pesticides by GC-QQQ

Batch: B6H0609 **SOP:** MCS-SOP-O01a | **Prep By:** 1005 **Prep On:** 8/6/26 18:53 | **Ana. By:** 1040 **Ana. On:** 8/7/26 18:04 | **Initial (g):** 1.0015 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	<34.2	5	200	34.2	74.9	Methyl parathion	<17.1	5	100	17.1	49.9
Chlordane, Total	<38.9	5	100	38.9	49.9	Chlorfenapyr	<43.5	5	100	43.5	49.9

Mycotoxins by LC-QQQ

Batch: B6H0609 **SOP:** MCS-SOP-O01b | **Prep By:** 1005 **Prep On:** 8/6/26 18:53 | **Ana. By:** 1067 **Ana. On:** 8/7/26 21:37 | **Initial (g):** 1.0015 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	<9.99	10	20	9.99	9.99	Ochratoxin A	<2.52	10	20	2.52	9.99
Aflatoxin G2	<7.46	10	20	7.46	9.99	Aflatoxin G1	<3.24	10	20	3.24	9.99
Aflatoxin B2	<3.87	10	20	3.87	9.99	Aflatoxin B1	<2.94	10	20	2.94	9.99

MMN030826-9497

Sample Matrix:	Soft Chews	Lab ID:	**KH06017-01**
Cultivar:	N/A	Received:	08/06/26 17:31
Description:	MUV SC Mandarin 1:1 - CBD/THC	Completed:	08/10/26 19:06

Total Metals by ICP-MS

Batch: B6H0610 **SOP:** MCS-SOP-I01 **Prep By:** 1005 **Prep On:** 8/7/26 11:11 **Ana. By:** 1005 **Ana. On:** 8/7/26 14:53 **Initial (g):** 0.2514 **Final (g):** 25

Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<19.9	1	1500	19.9	99.4	Cadmium	<19.9	1	500	19.9	99.4
Lead	<49.7	1	500	49.7	249	Mercury	<19.9	1	3000	19.9	49.7
Nickel	<597	1	3000	597	1490	Tin	<398	1	4000	398	1990

Microbials by qPCR

Batch: B6H0615 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 8/7/26 10:13 **Ana. By:** 1005 **Ana. On:** 8/8/26 13:14 **Initial (g):** 1.002 **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	Listeria	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: B6H0616 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 8/7/26 13:02 **Ana. By:** 1053 **Ana. On:** 8/7/26 14:49 **Initial (g):** 1.0036 **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	30