Certificate of Analysis

GrowHealthy
M00007CULPROLakeWales001

Cultivation Facility:	Lake Wales
Processing Facility:	Lake Wales
Batch Date:	11/10/2026
Batch Size:	2506 g
Batch Units:	716
Units Sampled:	9
Total Amt. Sampled:	31.5 g
Seed to Sale ID:	0742481073611841
QA Sample ID:	9479004267845169

103126-GEMZ-R3.5

PASSED

Laboratory ID:	KK13006-05
Testing Matrix:	Usable Whole Flower Marijuana
Sample Matrix:	Whole
Label Claim:	THC: -- mg | CBD: -- mg
Cultivar:	Gemz
Description:	MPX Select GEMZ Flower 3.5 g

Sample Date:	11/13/26	**Received:**	11/13/26 11:28
Exp. Date:	11/13/27	**Completed:**	11/18/26 10:40

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.0574% (2.01 mg)	**24.9% (872 mg)**	**28.9% (1,010 mg)**

Analyte	%	mg
THCa	28.2	987
CBGa	0.367	12.8
delta 9-THC	0.152	5.32
CBG	0.124	4.34
CBDa	0.0654	2.29
CBC	≤ 0.000735	≤ 0.026
CBD	≤ 0.000324	≤ 0.011
CBDV	≤ 0.000216	≤ 0.0076
CBN	≤ 0.000186	≤ 0.0065
delta 8-THC	≤ 0.000157	≤ 0.0055
THCV	≤ 0.000353	≤ 0.012

TERPENES SUMMARY (Top Ten)

Total Terpenes
2.07%

Analyte	%
d-Limonene	0.682
beta-Myrcene	0.508
beta-Caryophyllene	0.385
alpha-Humulene	0.108
beta-Pinene	0.0746
Fenchyl Alcohol	0.0717
trans-Nerolidol	0.0695
alpha-Terpineol	0.0600
alpha-Pinene	0.0473
(+/-)-Borneol	0.0362

ANALYSIS SUMMARY

Potency	Completed	**Homogeneity**	Not Tested	**Terpenes**	Completed
Residual Solvents	Not Tested	**% Moisture**	PASS	**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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Laboratory Director

PJLA Testing
Accreditation #102020

103126-GEMZ-R3.5

Sample Matrix: Whole
Cultivar: Gemz
Description: MPX Select GEMZ Flower 3.5 g

Lab ID: **KK13006-05**
Received: 11/13/26 11:28
Completed: 11/18/26 10:40

Potency by HPLC

Batch: B6K1335 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 11/13/26 18:42 **Ana. By:** 1005 **Ana. On:** 11/14/26 13:45 **Initial (g):** 0.204 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	24.9	100	0.0314	0.460	Total CBD	0.0574	1	0.000480	0.00460
delta 8-THC	≤0.000157	1	0.000157	0.00245	delta 9-THC	0.152	1	0.000167	0.00245
THCa	28.2	100	0.0167	0.245	THCV	≤0.000353	1	0.000353	0.00245
CBD	≤0.000324	1	0.000324	0.00245	CBDa	0.0654	1	0.000196	0.00245
CBDV	≤0.000216	1	0.000216	0.00245	CBC	≤0.000735	1	0.000735	0.00245
CBG	0.124	1	0.000157	0.00245	CBGa	0.367	1	0.000157	0.00245
CBN	≤0.000186	1	0.000186	0.00245					

Terpene Screen by GC/MS

Batch: B6K1368 **SOP:** MCS-SOP-O04 **Prep By:** 1044 **Prep On:** 11/14/26 15:28 **Ana. By:** 1005 **Ana. On:** 11/16/26 20:16 **Initial (g):** 0.1028 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0473	1	0.00486	0.00973	Camphene	0.0133	1	0.00486	0.00973
beta-Pinene	0.0746	1	0.00486	0.00973	3-Carene	≤0.00486	1	0.00486	0.00973
alpha-Terpinene	≤0.00486	1	0.00486	0.00973	Camphor	≤0.00486	1	0.00486	0.00973
d-Limonene	0.682	1	0.00486	0.00973	1,8-Cineole (Eucalyptol)	≤0.00486	1	0.00486	0.00973
gamma-Terpinene	≤0.00486	1	0.00486	0.00973	Terpinolene	0.0114	1	0.00486	0.00973
Isopulegol	≤0.00486	1	0.00486	0.00973	Linalool	≤0.00486	1	0.00486	0.00973
Geraniol	≤0.00486	1	0.00486	0.00973	beta-Caryophyllene	0.385	1	0.00486	0.00973
alpha-Humulene	0.108	1	0.00486	0.00973	cis-Nerolidol	≤0.00486	1	0.00486	0.00973
Caryophyllene oxide	≤0.00486	1	0.00486	0.00973	(+/-)-Fenchone	≤0.00486	1	0.00486	0.00973
(+/-)-Borneol	0.0362	1	0.00486	0.00973	(+)-Pulegone	≤0.00486	1	0.00486	0.00973
Cedrol	≤0.00486	1	0.00486	0.00973	Geranyl Acetate	≤0.00486	1	0.00486	0.00973
alpha-Bisabolol	≤0.00486	1	0.00486	0.00973	alpha-Phellandrene	≤0.00486	1	0.00486	0.00973
alpha-Terpineol	0.0600	1	0.00486	0.00973	Nerol	≤0.00486	1	0.00486	0.00973
Sabinene	≤0.00486	1	0.00486	0.00973	Valencene	≤0.00486	1	0.00486	0.00973
beta-Myrcene	0.508	1	0.00486	0.00973	Sabinene Hydrate	≤0.00486	1	0.00486	0.00973
alpha-Cedrene	≤0.00486	1	0.00486	0.00973	Fenchyl Alcohol	0.0717	1	0.00486	0.00973
Guaiol	≤0.00486	1	0.00486	0.00973	trans-Nerolidol	0.0695	1	0.00486	0.00973
Isoborneol	≤0.00486	1	0.00486	0.00973	Ocimene, Total	≤0.00486	1	0.00486	0.00973
gamma-Terpineol	≤0.00486	1	0.00486	0.00973	Menthol	≤0.00486	1	0.00486	0.00973

Moisture by Moisture Balance

Batch: B6K1357 **SOP:** MCS-SOP-G02 **Prep By:** 1044 **Prep On:** 11/14/26 07:55 **Ana. By:** 1044 **Ana. On:** 11/14/26 11:17 **Initial (g):** 0.515 **Final (g):** 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.3	1	15

Water Activity by REH

Batch: B6K1353 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 11/16/26 13:40 **Ana. By:** 1048 **Ana. On:** 11/16/26 14:43 **Initial (g):** 0.1011 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.44	1	0.65	0.040	0.040

Foreign Matter

Batch: B6K1356 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 11/16/26 10:00 **Ana. By:** 1048 **Ana. On:** 11/16/26 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				

103126-GEMZ-R3.5

Sample Matrix: Whole
Cultivar: Gemz
Description: MPX Select GEMZ Flower 3.5 g

Lab ID: **KK13006-05**
Received: 11/13/26 11:28
Completed: 11/18/26 10:40

Pesticides by LC-QQQ

Batch: B6K1341 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 11/13/26 17:11
Ana. By: 1067 **Ana. On:** 11/17/26 06:01
Initial (g): 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<10.1	10	100	10.1	56.2	Acephate	<6.97	10	100	6.97	56.2
Acequinocyl	<4.16	10	100	4.16	56.2	Acetamiprid	<16.9	10	100	16.9	56.2
Aldicarb	<10.6	10	100	10.6	56.2	Azoxystrobin	<5.17	10	100	5.17	28.1
Bifenazate	<5.28	10	100	5.28	56.2	Bifenthrin	<16.9	10	100	16.9	56.2
Boscalid	<16.4	10	100	16.4	56.2	Carbaryl	<8.76	10	500	8.76	56.2
Carbofuran	<16.9	10	100	16.9	44.9	Chlorantraniliprole	<56.2	10	1000	56.2	140
Chlormequat chloride	<56.2	10	1000	56.2	140	Chlorpyrifos	<4.72	10	100	4.72	28.1
Clofentezine	<5.50	10	200	5.50	56.2	Coumaphos	<7.64	10	100	7.64	28.1
Cyfluthrin	<43.1	10	500	43.1	225	Cypermethrin	<10.8	10	500	10.8	140
Daminozide	<16.9	10	100	16.9	56.2	Diazinon	<3.03	10	100	3.03	28.1
Dichlorvos	<11.2	10	100	11.2	56.2	Dimethoate	<16.9	10	100	16.9	44.9
Dimethomorph, Total	<3.48	10	200	3.48	56.2	Ethoprophos	<5.95	10	100	5.95	56.2
Etofenprox	<4.61	10	100	4.61	56.2	Etoxazole	<4.16	10	100	4.16	56.2
Fenhexamid	<5.50	10	100	5.50	56.2	Fenoxycarb	<5.06	10	100	5.06	28.1
Fenpyroximate	<2.47	10	100	2.47	56.2	Fipronil	<13.4	10	100	13.4	56.2
Flonicamid	<16.9	10	100	16.9	56.2	Fludioxonil	<9.89	10	100	9.89	56.2
Hexythiazox	<3.48	10	100	3.48	56.2	Imazalil	<5.95	10	100	5.95	56.2
Imidacloprid	<16.9	10	400	16.9	112	Kresoxim-Methyl	<5.06	10	100	5.06	56.2
Malathion	<16.4	10	200	16.4	56.2	Metalaxyl	<16.9	10	100	16.9	56.2
Methiocarb	<10.2	10	100	10.2	56.2	Methomyl	<16.9	10	100	16.9	28.1
Mevinphos	<5.95	10	100	5.95	56.2	Myclobutanil	<7.98	10	100	7.98	56.2
Dibrom (Naled)	<22.5	10	250	22.5	56.2	Oxamyl	<11.2	10	250	11.2	14.0
Paclobutrazol	<8.31	10	100	8.31	56.2	Permethrin	<4.49	10	100	4.49	56.2
Phosmet	<5.06	10	100	5.06	56.2	Piperonyl butoxide	<22.5	10	3000	22.5	562
Prallethrin	<6.52	10	100	6.52	56.2	Propiconazole (Tilt)	<16.9	10	100	16.9	56.2
Baygon (Propoxur)	<16.9	10	100	16.9	56.2	Pyrethrins, Total	<6.07	10	500	6.07	56.2
Pyridaben	<1.80	10	200	1.80	56.2	Spinetoram, Total	<3.71	10	200	3.71	56.2
Spiromesifen	<4.04	10	100	4.04	14.0	Spirotetramat	<4.94	10	100	4.94	56.2
Spiroxamine	<2.81	10	100	2.81	56.2	Tebuconazole	<11.2	10	100	11.2	56.2
Thiacloprid	<11.2	10	100	11.2	56.2	Thiamethoxam	<22.5	10	500	22.5	112
Trifloxystrobin	<4.61	10	100	4.61	56.2	Spinosad, Total	<4.94	10	100	4.94	40.7

Pesticides by GC-QQQ

Batch: B6K1341 **SOP:** MCS-SOP-O01a
Prep By: 1005 **Prep On:** 11/13/26 17:11
Ana. By: 1005 **Ana. On:** 11/17/26 17:21
Initial (g): 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	<33.7	5	150	33.7	84.3	Methyl parathion	<22.5	5	100	22.5	56.2
Chlordane, Total	<22.5	5	100	22.5	56.2	Chlorfenapyr	<22.5	5	100	22.5	56.2

Mycotoxins by LC-QQQ

Batch: B6K1341 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 11/13/26 17:11
Ana. By: 1067 **Ana. On:** 11/16/26 22:31
Initial (g): 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	<9.97	10	20	9.97	9.97	Ochratoxin A	<2.51	10	20	2.51	9.97
Aflatoxin G2	<7.45	10	20	7.45	9.97	Aflatoxin G1	<3.23	10	20	3.23	9.97
Aflatoxin B2	<3.87	10	20	3.87	9.97	Aflatoxin B1	<2.93	10	20	2.93	9.97

103126-GEMZ-R3.5

Sample Matrix:	Whole	Lab ID:	**KK13006-05**
Cultivar:	Gemz	Received:	11/13/26 11:28
Description:	MPX Select GEMZ Flower 3.5 g	Completed:	11/18/26 10:40

Total Metals by ICP-MS

Batch: B6K1347 **SOP:** MCS-SOP-I01 **Prep By:** 1005 **Prep On:** 11/14/26 14:42 **Ana. By:** 1005 **Ana. On:** 11/16/26 14:29 **Initial (g):** 0.2518 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<22.4	1	200	22.4	112	Cadmium	<22.4	1	200	22.4	112
Lead	<55.9	1	500	55.9	280	Mercury	<22.4	1	200	22.4	55.9
Nickel	<112	1	500	112	280	Tin	<448	1	4000	448	2240

Microbials by qPCR

Batch: B6K1308 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 11/14/26 11:15 **Ana. By:** 1053 **Ana. On:** 11/15/26 18:46 **Initial (g):** 1.0045 **Final (g):** 9

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: B6K1309 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 11/14/26 15:17 **Ana. By:** 1053 **Ana. On:** 11/14/26 18:02 **Initial (g):** 1.0036 **Final (g):** 19

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	20	100000	10000	10000

Total Contaminant Load by Calculation

Analyte (ppm)	Result	Reg. Limit
Total Contaminant Load	0.00	5