Certificate of Analysis

GrowHealthy
M00007CULPROLakeWales001

Cultivation Facility:	Lake Wales
Processing Facility:	Lake Wales
Batch Date:	11/19/2026
Batch Size:	600 g
Batch Units:	600
Units Sampled:	26
Total Amt. Sampled:	26 g
Seed to Sale ID:	9972812856738374
QA Sample ID:	2565402254547973

103126-GEMZ-1PR1

PASSED

Laboratory ID:	KK19003-04
Testing Matrix:	Usable Whole Flower Marijuana
Sample Matrix:	Preroll
Label Claim:	THC: -- mg | CBD: -- mg
Cultivar:	Gemz
Description:	MPX Select GEMZ Pre-Roll 1.0 g Single

Sample Date:	11/19/26	**Received:**	11/19/26 11:56
Exp. Date:	11/19/27	**Completed:**	11/23/26 17:25

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.0662% (0.662 mg)	**26.3% (263 mg)**	**30.6% (306 mg)**

Analyte	%	mg
THCa	29.7	297
CBGa	0.393	3.93
delta 9-THC	0.292	2.92
CBG	0.114	1.14
CBDa	0.0755	0.755
CBC	≤ 0.000744	≤ 0.0074
CBD	≤ 0.000327	≤ 0.0033
CBDV	≤ 0.000218	≤ 0.0022
CBN	≤ 0.000188	≤ 0.0019
delta 8-THC	≤ 0.000159	≤ 0.0016
THCV	≤ 0.000357	≤ 0.0036

TERPENES SUMMARY (Top Ten)

Total Terpenes
0.890%

Analyte	%
beta-Caryophyllene	0.295
d-Limonene	0.141
alpha-Humulene	0.0890
beta-Myrcene	0.0699
trans-Nerolidol	0.0662
Fenchyl Alcohol	0.0612
alpha-Terpineol	0.0561
alpha-Bisabolol	0.0475
(+/-)-Borneol	0.0362
beta-Pinene	0.0147

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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Richard Dillen
Laboratory Director

Accreditation #102020

103126-GEMZ-1PR1

Sample Matrix: Preroll
Cultivar: Gemz
Description: MPX Select GEMZ Pre-Roll 1.0 g Single

Lab ID: **KK19003-04**
Received: 11/19/26 11:56
Completed: 11/23/26 17:25

Potency by HPLC

Batch: B6K1908 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 11/20/26 08:47 **Ana. By:** 1005 **Ana. On:** 11/20/26 21:10 **Initial (g):** 0.2016 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	26.3	100	0.0317	0.465	Total CBD	0.0662	1	0.000486	0.00465
delta 8-THC	≤0.000159	1	0.000159	0.00248	delta 9-THC	0.292	1	0.000169	0.00248
THCa	29.7	100	0.0169	0.248	THCV	≤0.000357	1	0.000357	0.00248
CBD	≤0.000327	1	0.000327	0.00248	CBDa	0.0755	1	0.000198	0.00248
CBDV	≤0.000218	1	0.000218	0.00248	CBC	≤0.000744	1	0.000744	0.00248
CBG	0.114	1	0.000159	0.00248	CBGa	0.393	1	0.000159	0.00248
CBN	≤0.000188	1	0.000188	0.00248					

Terpene Screen by GC/MS

Batch: B6K1956 **SOP:** MCS-SOP-O04 **Prep By:** 1005 **Prep On:** 11/20/26 10:16 **Ana. By:** 1005 **Ana. On:** 11/20/26 18:30 **Initial (g):** 0.1014 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.00602	1	0.00493	0.00986	Camphene	≤0.00493	1	0.00493	0.00986
beta-Pinene	0.0147	1	0.00493	0.00986	3-Carene	≤0.00493	1	0.00493	0.00986
alpha-Terpinene	≤0.00493	1	0.00493	0.00986	Camphor	≤0.00493	1	0.00493	0.00986
d-Limonene	0.141	1	0.00493	0.00986	1,8-Cineole (Eucalyptol)	≤0.00493	1	0.00493	0.00986
gamma-Terpinene	≤0.00493	1	0.00493	0.00986	Terpinolene	0.00672	1	0.00493	0.00986
Isopulegol	≤0.00493	1	0.00493	0.00986	Linalool	≤0.00493	1	0.00493	0.00986
Geraniol	≤0.00493	1	0.00493	0.00986	beta-Caryophyllene	0.295	1	0.00493	0.00986
alpha-Humulene	0.0890	1	0.00493	0.00986	cis-Nerolidol	≤0.00493	1	0.00493	0.00986
Caryophyllene oxide	≤0.00493	1	0.00493	0.00986	(+/-)-Fenchone	≤0.00493	1	0.00493	0.00986
(+/-)-Borneol	0.0362	1	0.00493	0.00986	(+)-Pulegone	≤0.00493	1	0.00493	0.00986
Cedrol	≤0.00493	1	0.00493	0.00986	Geranyl Acetate	≤0.00493	1	0.00493	0.00986
alpha-Bisabolol	0.0475	1	0.00493	0.00986	alpha-Phellandrene	≤0.00493	1	0.00493	0.00986
alpha-Terpineol	0.0561	1	0.00493	0.00986	Nerol	≤0.00493	1	0.00493	0.00986
Sabinene	≤0.00493	1	0.00493	0.00986	Valencene	≤0.00493	1	0.00493	0.00986
beta-Myrcene	0.0699	1	0.00493	0.00986	Sabinene Hydrate	≤0.00493	1	0.00493	0.00986
alpha-Cedrene	≤0.00493	1	0.00493	0.00986	Fenchyl Alcohol	0.0612	1	0.00493	0.00986
Guaiol	≤0.00493	1	0.00493	0.00986	trans-Nerolidol	0.0662	1	0.00493	0.00986
Isoborneol	≤0.00493	1	0.00493	0.00986	Ocimene, Total	≤0.00493	1	0.00493	0.00986
gamma-Terpineol	≤0.00493	1	0.00493	0.00986	Menthol	≤0.00493	1	0.00493	0.00986

Moisture by Moisture Balance

Batch: B6K1970 **SOP:** MCS-SOP-G02 **Prep By:** 1048 **Prep On:** 11/20/26 10:00 **Ana. By:** 1048 **Ana. On:** 11/20/26 11:01 **Initial (g):** 0.522 **Final (g):** 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	9.39	1	15

Water Activity by REH

Batch: B6K1965 **SOP:** MCS-SOP-G03 **Prep By:** 1048 **Prep On:** 11/20/26 11:20 **Ana. By:** 1048 **Ana. On:** 11/20/26 12:55 **Initial (g):** 0.1035 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.49	1	0.65	0.040	0.040

Foreign Matter

Batch: B6K1969 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 11/20/26 11:00 **Ana. By:** 1048 **Ana. On:** 11/20/26 11:30 **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-1PR1

Sample Matrix:	Preroll	Lab ID:	**KK19003-04**
Cultivar:	Gemz	Received:	11/19/26 11:56
Description:	MPX Select GEMZ Pre-Roll 1.0 g Single	Completed:	11/23/26 17:25

Pesticides by LC-QQQ

Batch: B6K1947 **SOP:** MCS-SOP-O01b | **Prep By:** 1005 **Prep On:** 11/19/26 18:34 | **Ana. By:** 1067 **Ana. On:** 11/21/26 08:33 | **Initial (g):** 1.0009 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<16.5	10	100	16.5	55.1	Acephate	<6.84	10	100	6.84	55.1
Acequinocyl	<4.08	10	100	4.08	55.1	Acetamiprid	<16.5	10	100	16.5	55.1
Aldicarb	<10.4	10	100	10.4	55.1	Azoxystrobin	<5.07	10	100	5.07	27.6
Bifenazate	<5.18	10	100	5.18	55.1	Bifenthrin	<16.5	10	100	16.5	55.1
Boscalid	<16.1	10	100	16.1	55.1	Carbaryl	<8.60	10	500	8.60	55.1
Carbofuran	<16.5	10	100	16.5	44.1	Chlorantraniliprole	<55.1	10	1000	55.1	138
Chlormequat chloride	<55.1	10	1000	55.1	138	Chlorpyrifos	<4.63	10	100	4.63	27.6
Clofentezine	<5.40	10	200	5.40	55.1	Coumaphos	<7.50	10	100	7.50	27.6
Cyfluthrin	<42.3	10	500	42.3	221	Cypermethrin	<10.6	10	500	10.6	138
Daminozide	<16.5	10	100	16.5	55.1	Diazinon	<2.98	10	100	2.98	27.6
Dichlorvos	<11.0	10	100	11.0	55.1	Dimethoate	<16.5	10	100	16.5	44.1
Dimethomorph, Total	<3.42	10	200	3.42	55.1	Ethoprophos	<5.84	10	100	5.84	55.1
Etofenprox	<4.52	10	100	4.52	55.1	Etoxazole	<4.08	10	100	4.08	55.1
Fenhexamid	<5.40	10	100	5.40	55.1	Fenoxycarb	<4.96	10	100	4.96	27.6
Fenpyroximate	<2.43	10	100	2.43	55.1	Fipronil	<13.1	10	100	13.1	55.1
Flonicamid	<16.5	10	100	16.5	55.1	Fludioxonil	<9.70	10	100	9.70	55.1
Hexythiazox	<3.42	10	100	3.42	55.1	Imazalil	<5.84	10	100	5.84	55.1
Imidacloprid	<16.5	10	400	16.5	110	Kresoxim-Methyl	<4.96	10	100	4.96	55.1
Malathion	<16.1	10	200	16.1	55.1	Metalaxyl	<16.5	10	100	16.5	55.1
Methiocarb	<10.0	10	100	10.0	55.1	Methomyl	<16.5	10	100	16.5	27.6
Mevinphos	<5.84	10	100	5.84	55.1	Myclobutanil	<7.83	10	100	7.83	55.1
Dibrom (Naled)	<22.1	10	250	22.1	55.1	Oxamyl	<11.0	10	250	11.0	13.8
Paclobutrazol	<8.16	10	100	8.16	55.1	Permethrin	<4.41	10	100	4.41	55.1
Phosmet	<4.96	10	100	4.96	55.1	Piperonyl butoxide	<22.1	10	3000	22.1	551
Prallethrin	<6.40	10	100	6.40	55.1	Propiconazole (Tilt)	<16.5	10	100	16.5	55.1
Baygon (Propoxur)	<16.5	10	100	16.5	55.1	Pyrethrins, Total	<5.95	10	500	5.95	55.1
Pyridaben	<1.76	10	200	1.76	55.1	Spinetoram, Total	<3.64	10	200	3.64	55.1
Spiromesifen	<3.97	10	100	3.97	13.8	Spirotetramat	<4.85	10	100	4.85	55.1
Spiroxamine	<2.76	10	100	2.76	55.1	Tebuconazole	<11.0	10	100	11.0	55.1
Thiacloprid	<11.0	10	100	11.0	55.1	Thiamethoxam	<22.1	10	500	22.1	110
Trifloxystrobin	<4.52	10	100	4.52	55.1	Spinosad, Total	<16.5	10	100	16.5	40.0

Pesticides by GC-QQQ

Batch: B6K1947 **SOP:** MCS-SOP-O01a | **Prep By:** 1005 **Prep On:** 11/19/26 18:34 | **Ana. By:** 1040 **Ana. On:** 11/22/26 03:02 | **Initial (g):** 1.0009 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	<33.1	5	150	33.1	82.7	Methyl parathion	<22.1	5	100	22.1	55.1
Chlordane, Total	38.5	5	100	22.1	55.1	Chlorfenapyr	<22.1	5	100	22.1	55.1

Mycotoxins by LC-QQQ

Batch: B6K1947 **SOP:** MCS-SOP-O01b | **Prep By:** 1005 **Prep On:** 11/19/26 18:34 | **Ana. By:** 1067 **Ana. On:** 11/21/26 01:44 | **Initial (g):** 1.0009 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	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	<3.88	10	20	3.88	9.99	Aflatoxin B1	<2.94	10	20	2.94	9.99

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Richard Dillen
Laboratory Director

PJLA Testing
Accreditation #102020

103126-GEMZ-1PR1

Sample Matrix:	Preroll	Lab ID:	**KK19003-04**
Cultivar:	Gemz	Received:	11/19/26 11:56
Description:	MPX Select GEMZ Pre-Roll 1.0 g Single	Completed:	11/23/26 17:25

Total Metals by ICP-MS

Batch: B6K1958 **SOP:** MCS-SOP-I01 **Prep By:** 1005 **Prep On:** 11/20/26 14:07 **Ana. By:** 1005 **Ana. On:** 11/20/26 19:50 **Initial (g):** 0.2526 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<21.8	1	200	21.8	109	Cadmium	<21.8	1	200	21.8	109
Lead	<54.6	1	500	54.6	273	Mercury	<21.8	1	200	21.8	54.6
Nickel	<109	1	500	109	273	Tin	<437	1	4000	437	2180

Microbials by qPCR

Batch: B6K1913 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 11/20/26 09:37 **Ana. By:** 1053 **Ana. On:** 11/21/26 12:05 **Initial (g):** 1.007 **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: B6K1914 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 11/20/26 11:41 **Ana. By:** 1053 **Ana. On:** 11/20/26 15:50 **Initial (g):** 1.0055 **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	0.04	5