



GrowHealthy

M00007CULPROLakeWales001

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 09/19/2026
Batch Size: 4168.5 g
Batch Units: 1191
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 3922783453791537
QA Sample ID: 1896407215440939

082826-CHEM-R3.5



Laboratory ID: KI22010-02
Testing Matrix: Usable Whole Flower Marijuana
Sample Matrix: Whole Flower
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Chem 91
Description: The Vault CHEM Flower 3.5 g

Sample Date: 09/22/26
Exp. Date: 09/22/27

Received: 09/22/26 11:20
Completed: 09/25/26 17:16

POTENCY SUMMARY (As Received)

Total CBD
0.0901% (3.15 mg)

Total THC
32.2% (1,130 mg)

Total Cannabinoids
38.0% (1,330 mg)

Analyte	%	mg
THCa	35.9	1,260
CBGa	1.21	42.4
delta 9-THC	0.660	23.1
CBG	0.176	6.16
CBDa	0.103	3.61
CBC	≤ 0.000749	≤ 0.026
CBD	≤ 0.000330	≤ 0.012
CBDV	≤ 0.000220	≤ 0.0077
CBN	≤ 0.000190	≤ 0.0067
delta 8-THC	≤ 0.000160	≤ 0.0056
THCV	≤ 0.000360	≤ 0.013

TERPENES SUMMARY (Top Ten)

Total Terpenes
2.15%

Analyte	%
beta-Myrcene	1.02
d-Limonene	0.316
beta-Caryophyllene	0.291
alpha-Humulene	0.111
Linalool	0.0871
alpha-Bisabolol	0.0706
trans-Nerolidol	0.0679
beta-Pinene	0.0424
Fenchyl Alcohol	0.0382
(+/-)-Borneol	0.0359

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

082826-CHEM-R3.5

Sample Matrix: Whole Flower
Cultivar: Chem 91
Description: The Vault CHEM Flower 3.5 g

Lab ID: **KI22010-02**
Received: 09/22/26 11:20
Completed: 09/25/26 17:16

Potency by HPLC

Batch: B612249
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 9/23/26 10:44

Ana. By: 1005
Ana. On: 9/24/26 01:38

Initial (g): 0.2002
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	32.2	100	0.0320	0.469	Total CBD	0.0901	1	0.000490	0.00469
delta 8-THC	≤0.000160	1	0.000160	0.00250	delta 9-THC	0.660	100	0.0170	0.250
THCa	35.9	100	0.0170	0.250	THCV	≤0.000360	1	0.000360	0.00250
CBD	≤0.000330	1	0.000330	0.00250	CBDa	0.103	1	0.000200	0.00250
CBDV	≤0.000220	1	0.000220	0.00250	CBC	≤0.000749	1	0.000749	0.00250
CBG	0.176	1	0.000160	0.00250	CBGa	1.21	100	0.0160	0.250
CBN	≤0.000190	1	0.000190	0.00250					

Terpene Screen by GC/MS

Batch: B612218
SOP: MCS-SOP-004

Prep By: 1005
Prep On: 9/23/26 10:31

Ana. By: 1028
Ana. On: 9/24/26 02:40

Initial (g): 0.1032
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0266	1	0.00484	0.00969	Camphene	0.00762	1	0.00484	0.00969
beta-Pinene	0.0424	1	0.00484	0.00969	3-Carene	≤0.00484	1	0.00484	0.00969
alpha-Terpinene	≤0.00484	1	0.00484	0.00969	Camphor	≤0.00484	1	0.00484	0.00969
d-Limonene	0.316	1	0.00484	0.00969	1,8-Cineole (Eucalyptol)	≤0.00484	1	0.00484	0.00969
gamma-Terpinene	≤0.00484	1	0.00484	0.00969	Terpinolene	0.00773	1	0.00484	0.00969
Isopulegol	≤0.00484	1	0.00484	0.00969	Linalool	0.0871	1	0.00484	0.00969
Geraniol	≤0.00484	1	0.00484	0.00969	beta-Caryophyllene	0.291	1	0.00484	0.00969
alpha-Humulene	0.111	1	0.00484	0.00969	cis-Nerolidol	≤0.00484	1	0.00484	0.00969
Caryophyllene oxide	≤0.00484	1	0.00484	0.00969	(+/-)-Fenchone	≤0.00484	1	0.00484	0.00969
(+/-)-Borneol	0.0359	1	0.00484	0.00969	(+)-Pulegone	≤0.00484	1	0.00484	0.00969
Cedrol	≤0.00484	1	0.00484	0.00969	Geranyl Acetate	≤0.00484	1	0.00484	0.00969
alpha-Bisabolol	0.0706	1	0.00484	0.00969	alpha-Phellandrene	≤0.00484	1	0.00484	0.00969
alpha-Terpineol	0.0319	1	0.00484	0.00969	Nerol	≤0.00484	1	0.00484	0.00969
Sabinene	≤0.00484	1	0.00484	0.00969	Valencene	≤0.00484	1	0.00484	0.00969
beta-Myrcene	1.02	1	0.00484	0.00969	Sabinene Hydrate	≤0.00484	1	0.00484	0.00969
alpha-Cedrene	≤0.00484	1	0.00484	0.00969	Fenchyl Alcohol	0.0382	1	0.00484	0.00969
Guaiol	≤0.00484	1	0.00484	0.00969	trans-Nerolidol	0.0679	1	0.00484	0.00969
Isoborneol	≤0.00484	1	0.00484	0.00969	Ocimene, Total	≤0.00484	1	0.00484	0.00969
gamma-Terpineol	≤0.00484	1	0.00484	0.00969	Menthol	≤0.00484	1	0.00484	0.00969

Moisture by Moisture Balance

Batch: B612231
SOP: MCS-SOP-G02

Prep By: 1044
Prep On: 9/23/26 14:20

Ana. By: 1044
Ana. On: 9/23/26 16:04

Initial (g): 0.52
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.3	1	15

Water Activity by REH

Batch: B612228
SOP: MCS-SOP-G03

Prep By: 1005
Prep On: 9/23/26 13:11

Ana. By: 1044
Ana. On: 9/23/26 16:27

Initial (g): 0.1028
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: B612230
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 9/22/26 17:30

Ana. By: 1048
Ana. On: 9/22/26 17:45

Initial (g): 1
Final (g): 1

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

082826-CHEM-R3.5

Sample Matrix: Whole Flower
 Cultivar: Chem 91
 Description: The Vault CHEM Flower 3.5 g

Lab ID: K122010-02
 Received: 09/22/26 11:20
 Completed: 09/25/26 17:16

Pesticides by LC-QQQ

Batch: B612220
 SOP: MCS-SOP-001b

Prep By: 1055
 Prep On: 9/23/26 10:43

Ana. By: 1067
 Ana. On: 9/23/26 19:21

Initial (g): 1.0007
 Final (g): 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<10.3	10	100	10.3	57.0	Acephate	<7.07	10	100	7.07	57.0
Acequinocyl	<4.22	10	100	4.22	57.0	Acetamiprid	<17.1	10	100	17.1	57.0
Aldicarb	<10.7	10	100	10.7	57.0	Azoxystrobin	<5.24	10	100	5.24	28.5
Bifenazate	<5.36	10	100	5.36	57.0	Bifenthrin	<17.1	10	100	17.1	57.0
Boscalid	<16.6	10	100	16.6	57.0	Carbaryl	<8.89	10	500	8.89	57.0
Carbofuran	<17.1	10	100	17.1	45.6	Chlorantraniliprole	<9.12	10	1000	9.12	142
Chlormequat chloride	<22.8	10	1000	22.8	57.0	Chlorpyrifos	<4.79	10	100	4.79	28.5
Clofentezine	<5.58	10	200	5.58	57.0	Coumaphos	<7.75	10	100	7.75	28.5
Cyfluthrin	<43.8	10	500	43.8	228	Cypermethrin	<10.9	10	500	10.9	142
Daminozide	<17.1	10	100	17.1	57.0	Diazinon	<3.08	10	100	3.08	28.5
Dichlorvos	<11.4	10	100	11.4	57.0	Dimethoate	<17.1	10	100	17.1	45.6
Dimethomorph, Total	<3.53	10	200	3.53	57.0	Ethoprophos	<6.04	10	100	6.04	57.0
Etofenprox	<4.67	10	100	4.67	57.0	Etoxazole	<4.22	10	100	4.22	57.0
Fenhexamid	<5.58	10	100	5.58	57.0	Fenoxycarb	<5.13	10	100	5.13	28.5
Fenpyroximate	<2.51	10	100	2.51	57.0	Fipronil	<13.6	10	100	13.6	57.0
Flonicamid	<17.1	10	100	17.1	57.0	Fludioxonil	<10.0	10	100	10.0	57.0
Hexythiazox	<3.53	10	100	3.53	57.0	Imazalil	<6.04	10	100	6.04	57.0
Imidacloprid	<5.13	10	400	5.13	114	Kresoxim-Methyl	<5.13	10	100	5.13	57.0
Malathion	<16.6	10	200	16.6	57.0	Metalaxyl	<17.1	10	100	17.1	57.0
Methiocarb	<10.4	10	100	10.4	57.0	Methomyl	<2.28	10	100	2.28	28.5
Mevinphos	<6.04	10	100	6.04	57.0	Myclobutanil	<8.09	10	100	8.09	57.0
Dibrom (Naled)	<10.9	10	250	10.9	57.0	Oxamyl	<2.39	10	250	2.39	14.2
Paclobutrazol	<8.43	10	100	8.43	57.0	Permethrin	<4.56	10	100	4.56	57.0
Phosmet	<5.13	10	100	5.13	57.0	Piperonyl butoxide	<22.8	10	3000	22.8	570
Prallethrin	<6.61	10	100	6.61	57.0	Propiconazole (Tilt)	<17.1	10	100	17.1	57.0
Baygon (Propoxur)	<17.1	10	100	17.1	57.0	Pyrethrins, Total	<6.15	10	500	6.15	57.0
Pyridaben	<1.82	10	200	1.82	57.0	Spinetoram, Total	<3.76	10	200	3.76	57.0
Spiromesifen	<4.10	10	100	4.10	14.2	Spirotetramat	<5.01	10	100	5.01	57.0
Spiroxamine	<2.85	10	100	2.85	57.0	Tebuconazole	<4.44	10	100	4.44	57.0
Thiacloprid	<1.82	10	100	1.82	57.0	Thiamethoxam	<22.8	10	500	22.8	114
Trifloxystrobin	<4.67	10	100	4.67	57.0	Spinosad, Total	<5.01	10	100	5.01	41.3

Pesticides by GC-QQQ

Batch: B612220
 SOP: MCS-SOP-001a

Prep By: 1055
 Prep On: 9/23/26 10:43

Ana. By: 1040
 Ana. On: 9/23/26 20:16

Initial (g): 1.0007
 Final (g): 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozone)	<34.2	5	150	34.2	85.5	Methyl parathion	<22.8	5	100	22.8	57.0
Chlordane, Total	<22.8	5	100	22.8	57.0	Chlorfenapyr	<22.8	5	100	22.8	57.0

Mycotoxins by LC-QQQ

Batch: B612220
 SOP: MCS-SOP-001b

Prep By: 1055
 Prep On: 9/23/26 10:43

Ana. By: 1040
 Ana. On: 9/24/26 10:03

Initial (g): 1.0007
 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



CMTL-0005

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Richard Dillen
 Laboratory Director



Accreditation #102020



082826-CHEM-R3.5

Sample Matrix: Whole Flower
Cultivar: Chem 91
Description: The Vault CHEM Flower 3.5 g

Lab ID: **KI22010-02**
Received: 09/22/26 11:20
Completed: 09/25/26 17:16

Total Metals by ICP-MS

Batch: B612224
SOP: MCS-SOP-I01

Prep By: 1005
Prep On: 9/24/26 13:39

Ana. By: 1005
Ana. On: 9/24/26 18:28

Initial (g): 0.2558
Final (g): 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<22.3	1	200	22.3	111	Cadmium	<22.3	1	200	22.3	111
Lead	<55.7	1	500	55.7	279	Mercury	<22.3	1	200	22.3	55.7
Nickel	<111	1	500	111	279	Tin	<446	1	4000	446	2230

Microbials by qPCR

Batch: B612207
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 9/22/26 18:14

Ana. By: 1053
Ana. On: 9/23/26 19:40

Initial (g): 1.0015
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: B612208
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 9/23/26 14:38

Ana. By: 1053
Ana. On: 9/23/26 16:55

Initial (g): 1.0007
Final (g): 19

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	20	100000	1000	1000

Total Contaminant Load by Calculation

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