



GrowHealthy

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 12/04/2025
Batch Size: 2422 g
Batch Unit Size: 3.5 g
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 4903092521128169
QA Sample ID: 8645548926864871

112025-QSOX-2 R3.5 (H)

Laboratory ID: JL05010-04
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Queso X
Product Name: MPX Select - Flower
Description: MPX Select QSOX Flower 3.5 g
Sample Date: 12/05/25
Received: 12/05/25 11:40
Completed: 12/09/25 17:39



POTENCY SUMMARY (As Received)

Total CBD
0.0472% (1.65 mg)

Total THC
20.4% (714 mg)

Total Cannabinoids
24.1% (843 mg)

Analyte	%	mg
THCa	22.7	795
CBGa	0.683	23.9
delta 9-THC	0.503	17.6
CBG	0.142	4.97
CBDa	0.0538	1.88
CBC	<LOQ	<LOQ
CBD	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
1.49%

Analyte	%
d-Limonene	0.480
beta-Caryophyllene	0.163
beta-Myrcene	0.145
Linalool	0.129
Isopulegol	0.0811
trans-Nerolidol	0.0732
alpha-Humulene	0.0677
beta-Pinene	0.0551
Fenchyl Alcohol	0.0504
alpha-Pinene	0.0452

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

112025-QSOX-2 R3.5 (H)

Sample Matrix: Whole Flower
Cultivar: Queso X
Product Name: MPX Select - Flower

Lab ID: JL05010-04
Received: 12/05/25 11:40
Completed: 12/09/25 17:39

Potency by HPLC

Batch: B5L0504
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 12/5/25 17:45

Ana. By: 1005
Ana. On: 12/9/25 15:32

Initial (g): 0.2027
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	20.4	100	0.0316	0.463	Total CBD	0.0472	1	0.000483	0.00463
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	0.503	100	0.0168	0.247
THCa	22.7	100	0.0168	0.247	THCV	ND	1	0.000355	0.00247
CBD	ND	1	0.000326	0.00247	CBDa	0.0538	1	0.000197	0.00247
CBDV	ND	1	0.000217	0.00247	CBC	ND	1	0.000740	0.00247
CBG	0.142	1	0.000158	0.00247	CBGa	0.683	100	0.0158	0.247
CBN	ND	1	0.000187	0.00247					

Terpene Screen by GC/MS

Batch: B5L0510
SOP: MCS-SOP-004

Prep By: 1055
Prep On: 12/8/25 10:20

Ana. By: 1005
Ana. On: 12/8/25 18:11

Initial (g): 0.1035
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0452	1	0.00483	0.00966	Camphene	0.0137	1	0.00483	0.00966
beta-Pinene	0.0551	1	0.00483	0.00966	3-Carene	ND	1	0.00483	0.00966
alpha-Terpinene	ND	1	0.00483	0.00966	Camphor	ND	1	0.00483	0.00966
d-Limonene	0.480	1	0.00483	0.00966	1,8-Cineole (Eucalyptol)	ND	1	0.00483	0.00966
gamma-Terpinene	0.00551	1	0.00483	0.00966	Terpinolene	0.0234	1	0.00483	0.00966
Isopulegol	0.0811	1	0.00483	0.00966	Linalool	0.129	1	0.00483	0.00966
Geraniol	ND	1	0.00483	0.00966	beta-Caryophyllene	0.163	1	0.00483	0.00966
alpha-Humulene	0.0677	1	0.00483	0.00966	cis-Nerolidol	ND	1	0.00483	0.00966
Caryophyllene oxide	0.0331	1	0.00483	0.00966	(+/-)-Fenchone	0.00640	1	0.00483	0.00966
(+/-)-Borneol	0.0213	1	0.00483	0.00966	(+)-Pulegone	ND	1	0.00483	0.00966
Cedrol	ND	1	0.00483	0.00966	Geranyl Acetate	ND	1	0.00483	0.00966
alpha-Bisabolol	0.0427	1	0.00483	0.00966	alpha-Phellandrene	ND	1	0.00483	0.00966
alpha-Terpineol	0.0433	1	0.00483	0.00966	Nerol	ND	1	0.00483	0.00966
Sabinene	0.0143	1	0.00483	0.00966	Valencene	ND	1	0.00483	0.00966
beta-Myrcene	0.145	1	0.00483	0.00966	Sabinene Hydrate	ND	1	0.00483	0.00966
alpha-Cedrene	ND	1	0.00483	0.00966	Fenchyl Alcohol	0.0504	1	0.00483	0.00966
Guaiol	ND	1	0.00483	0.00966	trans-Nerolidol	0.0732	1	0.00483	0.00966
Isoborneol	ND	1	0.00483	0.00966	Ocimene, Total	ND	1	0.00483	0.00966
gamma-Terpineol	ND	1	0.00483	0.00966	Menthol	ND	1	0.00483	0.00966

Moisture by Moisture Balance

Batch: B5L0538
SOP: MCS-SOP-G02

Prep By: 1054
Prep On: 12/8/25 11:10

Ana. By: 1005
Ana. On: 12/8/25 11:42

Initial (g): 0.519
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.1	1	15

Water Activity by REH

Batch: B5L0512
SOP: MCS-SOP-G03

Prep By: 1048
Prep On: 12/6/25 14:40

Ana. By: 1048
Ana. On: 12/8/25 14:50

Initial (g): 0.1036
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.47	1	0.65	0.040	0.040

Foreign Matter

Batch: B5L0537
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 12/6/25 14:20

Ana. By: 1048
Ana. On: 12/6/25 14:30

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

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



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Lakeland, FL 33813
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Richard Dillen
Laboratory Director



Accreditation #102020



112025-QSOX-2 R3.5 (H)

Sample Matrix: Whole Flower
Cultivar: Queso X
Product Name: MPX Select - Flower

Lab ID: JL05010-04
Received: 12/05/25 11:40
Completed: 12/09/25 17:39

Pesticides by LC-QQQ

Batch: B5L0509
SOP: MCS-SOP-001b

Prep By: 1054
Prep On: 12/8/25 11:00

Ana. By: 1067
Ana. On: 12/8/25 22:03

Initial (g): 1.0012
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	100	10.2	114	Acephate	ND	10	100	7.05	114
Acequinocyl	ND	10	100	4.21	114	Acetamiprid	ND	10	100	3.64	114
Aldicarb	ND	10	100	10.7	114	Azoxystrobin	ND	10	100	5.23	114
Bifenazate	ND	10	100	5.34	114	Bifenthrin	ND	10	100	4.43	114
Boscalid	ND	10	100	16.6	114	Carbaryl	ND	10	500	8.87	568
Carbofuran	ND	10	100	4.21	114	Chlorantraniliprole	ND	10	1000	9.09	1140
Chlormequat chloride	ND	10	1000	3.52	1140	Chlorpyrifos	ND	10	100	4.77	114
Clofentezine	ND	10	200	5.57	227	Coumaphos	ND	10	100	7.73	114
Cyfluthrin	ND	10	500	43.7	568	Cypermethrin	ND	10	500	10.9	568
Daminozide	ND	10	100	8.87	114	Diazinon	ND	10	100	3.07	114
Dichlorvos	ND	10	100	11.4	114	Dimethoate	ND	10	100	1.25	114
Dimethomorph, Total	ND	10	200	3.52	227	Ethoprophos	ND	10	100	6.03	114
Etofenprox	ND	10	100	4.66	114	Etoxazole	ND	10	100	4.21	114
Fenhexamid	ND	10	100	5.57	114	Fenoxycarb	ND	10	100	5.12	114
Fenpyroximate	ND	10	100	2.50	114	Fipronil	ND	10	100	13.5	114
Flonicamid	ND	10	100	4.77	114	Fludioxonil	ND	10	100	10.0	114
Hexythiazox	ND	10	100	3.52	114	Imazalil	ND	10	100	6.03	114
Imidacloprid	ND	10	400	5.12	455	Kresoxim-Methyl	ND	10	100	5.12	114
Malathion	ND	10	200	16.6	227	Metalaxyl	ND	10	100	5.68	114
Methiocarb	ND	10	100	10.3	114	Methomyl	ND	10	100	2.27	114
Mevinphos	ND	10	100	6.03	114	Myclobutanil	ND	10	100	8.07	114
Dibrom (Naled)	ND	10	250	10.9	284	Oxamyl	ND	10	250	2.39	284
Paclobutrazol	ND	10	100	8.41	114	Permethrin	ND	10	100	4.55	114
Phosmet	ND	10	100	5.12	114	Piperonyl butoxide	ND	10	3000	22.7	3410
Prallethrin	ND	10	100	6.59	114	Propiconazole (Tilt)	ND	10	100	5.12	114
Baygon (Propoxur)	ND	10	100	3.41	114	Pyrethrins, Total	ND	10	500	6.14	114
Pyridaben	ND	10	200	1.82	227	Spinetoram, Total	ND	10	200	3.75	114
Spiromesifen	ND	10	100	4.09	114	Spirotetramat	ND	10	100	5.00	114
Spiroxamine	ND	10	100	2.84	114	Tebuconazole	ND	10	100	4.43	114
Thiacloprid	ND	10	100	1.82	114	Thiamethoxam	ND	10	500	2.50	568
Trifloxystrobin	ND	10	100	4.66	114	Spinosad, Total	ND	10	100	5.00	114

Pesticides by GC-QQQ

Batch: B5L0509
SOP: MCS-SOP-001a

Prep By: 1054
Prep On: 12/8/25 11:00

Ana. By: 1067
Ana. On: 12/8/25 19:58

Initial (g): 1.0012
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	150	9.73	85.3	Methyl parathion	ND	5	100	4.86	56.8
Captan	ND	5	700	14.0	398	Chlordane, Total	ND	5	100	11.1	56.8
Chlorfenapyr	ND	5	100	12.4	56.8						

Mycotoxins by LC-QQQ

Batch: B5L0509
SOP: MCS-SOP-001b

Prep By: 1054
Prep On: 12/8/25 11:00

Ana. By: 1067
Ana. On: 12/9/25 09:24

Initial (g): 1.0012
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.88	9.99	Aflatoxin B1	ND	10	20	2.94	9.99

112025-QSOX-2 R3.5 (H)

Sample Matrix: Whole Flower
Cultivar: Queso X
Product Name: MPX Select - Flower

Lab ID: JL05010-04
Received: 12/05/25 11:40
Completed: 12/09/25 17:39

Total Metals by ICP-MS

Batch: B5L0511
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 12/8/25 13:46

Ana. By: 1028
Ana. On: 12/8/25 17:51

Initial (g): 0.2548
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	200	22.3	112	Cadmium	ND	1	200	22.3	112
Lead	ND	1	500	55.8	279	Mercury	ND	1	200	22.3	55.8

Microbials by qPCR

Batch: B5L0518
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 12/5/25 15:25

Ana. By: 1053
Ana. On: 12/6/25 16:29

Initial (g): 1.0037
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	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B5L0519
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 12/5/25 12:57

Ana. By: 1005
Ana. On: 12/5/25 14:18

Initial (g): 1.0073
Final (g): 19

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