



GrowHealthy

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 11/12/2025
Batch Size: 2534 g
Batch Unit Size: 3.5 g
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 1065977645986145
QA Sample ID: 4812106824196855

102425-ORNQ R3.5 (H)

Laboratory ID: JK14007-04
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Orange Queso
Product Name: MPX Select - Flower
Description: MPX Select ORNQ Flower 3.5 g
Sample Date: 11/14/25
Received: 11/14/25 11:33
Completed: 11/18/25 15:28



POTENCY SUMMARY (As Received)

Total CBD
0.0690% (2.42 mg)

Total THC
23.6% (826 mg)

Total Cannabinoids
27.8% (973 mg)

Analyte	%	mg
THCa	26.4	924
CBGa	0.722	25.3
delta 9-THC	0.414	14.5
CBG	0.172	6.02
CBDa	0.0787	2.75
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
1.48%

Analyte	%
d-Limonene	0.534
beta-Myrcene	0.199
beta-Caryophyllene	0.191
Linalool	0.109
alpha-Humulene	0.0942
trans-Nerolidol	0.0913
alpha-Bisabolol	0.0595
beta-Pinene	0.0512
Fenchyl Alcohol	0.0453
alpha-Pinene	0.0384

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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Cultivar: Orange Queso
Product Name: MPX Select - Flower

Lab ID: JK14007-04
Received: 11/14/25 11:33
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Potency by HPLC

Batch: B5K1325
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 11/14/25 15:15

Ana. By: 1005
Ana. On: 11/15/25 03:40

Initial (g): 0.2032
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	23.6	100	0.0315	0.462	Total CBD	0.0690	1	0.000482	0.00462
delta 8-THC	ND	1	0.000157	0.00246	delta 9-THC	0.414	1	0.000167	0.00246
THCa	26.4	100	0.0167	0.246	THCV	ND	1	0.000354	0.00246
CBD	ND	1	0.000325	0.00246	CBDa	0.0787	1	0.000197	0.00246
CBDV	ND	1	0.000217	0.00246	CBC	ND	1	0.000738	0.00246
CBG	0.172	1	0.000157	0.00246	CBGa	0.722	100	0.0157	0.246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B5K1332
SOP: MCS-SOP-004

Prep By: 1055
Prep On: 11/14/25 16:42

Ana. By: 1005
Ana. On: 11/14/25 19:18

Initial (g): 0.1008
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0384	1	0.00496	0.00992	Camphene	0.0113	1	0.00496	0.00992
beta-Pinene	0.0512	1	0.00496	0.00992	3-Carene	ND	1	0.00496	0.00992
alpha-Terpinene	ND	1	0.00496	0.00992	Camphor	ND	1	0.00496	0.00992
d-Limonene	0.534	1	0.00496	0.00992	1,8-Cineole (Eucalyptol)	ND	1	0.00496	0.00992
gamma-Terpinene	ND	1	0.00496	0.00992	Terpinolene	0.0143	1	0.00496	0.00992
Isopulegol	ND	1	0.00496	0.00992	Linalool	0.109	1	0.00496	0.00992
Geraniol	ND	1	0.00496	0.00992	beta-Caryophyllene	0.191	1	0.00496	0.00992
alpha-Humulene	0.0942	1	0.00496	0.00992	cis-Nerolidol	ND	1	0.00496	0.00992
Caryophyllene oxide	ND	1	0.00496	0.00992	(+/-)-Fenchone	ND	1	0.00496	0.00992
(+/-)-Borneol	ND	1	0.00496	0.00992	(+)-Pulegone	ND	1	0.00496	0.00992
Cedrol	ND	1	0.00496	0.00992	Geranyl Acetate	ND	1	0.00496	0.00992
alpha-Bisabolol	0.0595	1	0.00496	0.00992	alpha-Phellandrene	ND	1	0.00496	0.00992
alpha-Terpineol	0.0375	1	0.00496	0.00992	Nerol	ND	1	0.00496	0.00992
Sabinene	ND	1	0.00496	0.00992	Valencene	ND	1	0.00496	0.00992
beta-Myrcene	0.199	1	0.00496	0.00992	Sabinene Hydrate	ND	1	0.00496	0.00992
alpha-Cedrene	ND	1	0.00496	0.00992	Fenchyl Alcohol	0.0453	1	0.00496	0.00992
Guaiol	ND	1	0.00496	0.00992	trans-Nerolidol	0.0913	1	0.00496	0.00992
Isoborneol	ND	1	0.00496	0.00992	Ocimene, Total	ND	1	0.00496	0.00992
gamma-Terpineol	ND	1	0.00496	0.00992	Menthol	ND	1	0.00496	0.00992

Moisture by Moisture Balance

Batch: B5K1438
SOP: MCS-SOP-G02

Prep By: 1005
Prep On: 11/17/25 09:48

Ana. By: 1005
Ana. On: 11/17/25 10:17

Initial (g): 0.541
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.5	1	15

Water Activity by REH

Batch: B5K1432
SOP: MCS-SOP-G03

Prep By: 1005
Prep On: 11/15/25 12:03

Ana. By: 1005
Ana. On: 11/17/25 13:47

Initial (g): 0.101
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.46	1	0.65	0.040	0.040

Foreign Matter

Batch: B5K1703
SOP: MCS-SOP-G01

Prep By: 1051
Prep On: 11/17/25 09:25

Ana. By: 1005
Ana. On: 11/17/25 09:41

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

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



CMTL-0005

4705 Old Rd 37
Lakeland, FL 33813
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863-608-7800

Richard Dillen
Laboratory Director



Accreditation #102020



102425-ORNQ R3.5 (H)

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

Lab ID: JK14007-04
Received: 11/14/25 11:33
Completed: 11/18/25 15:28

Pesticides by LC-QQQ

Batch: B5K1411
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 11/14/25 12:19

Ana. By: 1056
Ana. On: 11/15/25 11:08

Initial (g): 1.005
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	10.1	112	Acephate	ND	10	100	6.97	112
Acequinocyl	ND	10	100	4.16	112	Acetamiprid	ND	10	100	3.60	112
Aldicarb	ND	10	100	10.6	112	Azoxystrobin	ND	10	100	5.17	112
Bifenazate	ND	10	100	5.28	112	Bifenthrin	ND	10	100	4.38	112
Boscalid	ND	10	100	16.4	112	Carbaryl	ND	10	500	8.77	562
Carbofuran	ND	10	100	4.16	112	Chlorantraniliprole	ND	10	1000	8.99	1120
Chlormequat chloride	ND	10	1000	3.48	1120	Chlorpyrifos	ND	10	100	4.72	112
Clofentezine	ND	10	200	5.51	225	Coumaphos	ND	10	100	7.64	112
Cyfluthrin	ND	10	500	43.2	562	Cypermethrin	ND	10	500	10.8	562
Daminozide	ND	10	100	8.77	112	Diazinon	ND	10	100	3.03	112
Dichlorvos	ND	10	100	11.2	112	Dimethoate	ND	10	100	1.24	112
Dimethomorph, Total	ND	10	200	3.48	225	Ethoprophos	ND	10	100	5.96	112
Etofenprox	ND	10	100	4.61	112	Etoxazole	ND	10	100	4.16	112
Fenhexamid	ND	10	100	5.51	112	Fenoxycarb	ND	10	100	5.06	112
Fenpyroximate	ND	10	100	2.47	112	Fipronil	ND	10	100	13.4	112
Flonicamid	ND	10	100	4.72	112	Fludioxonil	ND	10	100	9.89	112
Hexythiazox	ND	10	100	3.48	112	Imazalil	ND	10	100	5.96	112
Imidacloprid	ND	10	400	5.06	450	Kresoxim-Methyl	ND	10	100	5.06	112
Malathion	ND	10	200	16.4	225	Metalaxyl	ND	10	100	5.62	112
Methiocarb	ND	10	100	10.2	112	Methomyl	ND	10	100	2.25	112
Mevinphos	ND	10	100	5.96	112	Myclobutanil	ND	10	100	7.98	112
Dibrom (Naled)	ND	10	250	10.8	281	Oxamyl	ND	10	250	2.36	281
Paclobutrazol	ND	10	100	8.32	112	Permethrin	ND	10	100	4.50	112
Phosmet	ND	10	100	5.06	112	Piperonyl butoxide	ND	10	3000	22.5	3370
Prallethrin	ND	10	100	6.52	112	Propiconazole (Tilt)	ND	10	100	5.06	112
Baygon (Propoxur)	ND	10	100	3.37	112	Pyrethrins, Total	ND	10	500	6.07	112
Pyridaben	ND	10	200	1.80	225	Spinetoram, Total	ND	10	200	3.71	112
Spiromesifen	ND	10	100	4.05	112	Spirotetramat	ND	10	100	4.94	112
Spiroxamine	ND	10	100	2.81	112	Tebuconazole	ND	10	100	4.38	112
Thiacloprid	ND	10	100	1.80	112	Thiamethoxam	ND	10	500	2.47	562
Trifloxystrobin	ND	10	100	4.61	112	Spinosad, Total	ND	10	100	4.94	112

Pesticides by GC-QQQ

Batch: B5K1411
SOP: MCS-SOP-001a

Prep By: 1005
Prep On: 11/14/25 12:19

Ana. By: 1056
Ana. On: 11/15/25 10:11

Initial (g): 1.005
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	9.62	84.3	Methyl parathion	ND	5	100	4.80	56.2
Captan	ND	5	700	13.8	393	Chlordane, Total	19.5	5	100	11.0	56.2
Chlorfenapyr	ND	5	100	12.2	56.2						

Mycotoxins by LC-QQQ

Batch: B5K1411
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 11/14/25 12:19

Ana. By: 1056
Ana. On: 11/15/25 06:34

Initial (g): 1.005
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	9.95	9.95	Ochratoxin A	ND	10	20	2.51	9.95
Aflatoxin G2	ND	10	20	7.43	9.95	Aflatoxin G1	ND	10	20	3.22	9.95
Aflatoxin B2	ND	10	20	3.86	9.95	Aflatoxin B1	ND	10	20	2.93	9.95



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

Lab ID: JK14007-04
Received: 11/14/25 11:33
Completed: 11/18/25 15:28

Total Metals by ICP-MS

Batch: B5K1431
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 11/17/25 09:21

Ana. By: 1028
Ana. On: 11/17/25 13:29

Initial (g): 0.2554
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	22.1	111	Cadmium	ND	1	200	22.1	111
Lead	ND	1	500	55.3	276	Mercury	ND	1	200	22.1	55.3

Microbials by qPCR

Batch: B5K1404
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 11/14/25 12:18

Ana. By: 1053
Ana. On: 11/15/25 14:38

Initial (g): 1.0084
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: B5K1405
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 11/14/25 14:20

Ana. By: 1053
Ana. On: 11/14/25 15:40

Initial (g): 1.0003
Final (g): 19

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