



GrowHealthy

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 11/12/2025
Batch Size: 2356 g
Batch Unit Size: 3.5 g
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 5394983435776526
QA Sample ID: 6353462304082137

103025-ORNQ R3.5 (H)

Laboratory ID: JK13006-05
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: 11/13/25
Received: 11/13/25 12:10
Completed: 11/17/25 17:35



POTENCY SUMMARY (As Received)

Total CBD
0.0559% (1.96 mg)

Total THC
20.8% (728 mg)

Total Cannabinoids
24.4% (855 mg)

Analyte	%	mg
THCa	22.9	802
delta 9-THC	0.712	24.9
CBGa	0.576	20.2
CBG	0.179	6.27
CBDa	0.0637	2.23
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
1.09%

Analyte	%
d-Limonene	0.424
beta-Caryophyllene	0.139
Linalool	0.104
beta-Myrcene	0.0930
trans-Nerolidol	0.0801
alpha-Humulene	0.0710
beta-Pinene	0.0479
Fenchyl Alcohol	0.0426
alpha-Pinene	0.0355
alpha-Terpineol	0.0337

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

103025-ORNQ R3.5 (H)

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

Lab ID: JK13006-05
Received: 11/13/25 12:10
Completed: 11/17/25 17:35

Potency by HPLC

Batch: B5K1325
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 11/13/25 19:09

Ana. By: 1005
Ana. On: 11/15/25 01:10

Initial (g): 0.2007
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	20.8	100	0.0319	0.467	Total CBD	0.0559	1	0.000488	0.00467
delta 8-THC	ND	1	0.000159	0.00249	delta 9-THC	0.712	100	0.0169	0.249
THCa	22.9	100	0.0169	0.249	THCV	ND	1	0.000359	0.00249
CBD	ND	1	0.000329	0.00249	CBDa	0.0637	1	0.000199	0.00249
CBDV	ND	1	0.000219	0.00249	CBC	ND	1	0.000747	0.00249
CBG	0.179	1	0.000159	0.00249	CBGa	0.576	100	0.0159	0.249
CBN	ND	1	0.000189	0.00249					

Terpene Screen by GC/MS

Batch: B5K1332
SOP: MCS-SOP-004

Prep By: 1055
Prep On: 11/14/25 09:29

Ana. By: 1005
Ana. On: 11/14/25 15:59

Initial (g): 0.1014
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0355	1	0.00493	0.00986	Camphene	0.0105	1	0.00493	0.00986
beta-Pinene	0.0479	1	0.00493	0.00986	3-Carene	ND	1	0.00493	0.00986
alpha-Terpinene	ND	1	0.00493	0.00986	Camphor	ND	1	0.00493	0.00986
d-Limonene	0.424	1	0.00493	0.00986	1,8-Cineole (Eucalyptol)	ND	1	0.00493	0.00986
gamma-Terpinene	ND	1	0.00493	0.00986	Terpinolene	0.0128	1	0.00493	0.00986
Isopulegol	ND	1	0.00493	0.00986	Linalool	0.104	1	0.00493	0.00986
Geraniol	ND	1	0.00493	0.00986	beta-Caryophyllene	0.139	1	0.00493	0.00986
alpha-Humulene	0.0710	1	0.00493	0.00986	cis-Nerolidol	ND	1	0.00493	0.00986
Caryophyllene oxide	ND	1	0.00493	0.00986	(+/-)-Fenchone	ND	1	0.00493	0.00986
(+/-)-Borneol	ND	1	0.00493	0.00986	(+)-Pulegone	ND	1	0.00493	0.00986
Cedrol	ND	1	0.00493	0.00986	Geranyl Acetate	ND	1	0.00493	0.00986
alpha-Bisabolol	ND	1	0.00493	0.00986	alpha-Phellandrene	ND	1	0.00493	0.00986
alpha-Terpineol	0.0337	1	0.00493	0.00986	Nerol	ND	1	0.00493	0.00986
Sabinene	ND	1	0.00493	0.00986	Valencene	ND	1	0.00493	0.00986
beta-Myrcene	0.0930	1	0.00493	0.00986	Sabinene Hydrate	ND	1	0.00493	0.00986
alpha-Cedrene	ND	1	0.00493	0.00986	Fenchyl Alcohol	0.0426	1	0.00493	0.00986
Guaiol	ND	1	0.00493	0.00986	trans-Nerolidol	0.0801	1	0.00493	0.00986
Isoborneol	ND	1	0.00493	0.00986	Ocimene, Total	ND	1	0.00493	0.00986
gamma-Terpineol	ND	1	0.00493	0.00986	Menthol	ND	1	0.00493	0.00986

Moisture by Moisture Balance

Batch: B5K1341
SOP: MCS-SOP-G02

Prep By: 1005
Prep On: 11/14/25 09:20

Ana. By: 1005
Ana. On: 11/14/25 09:57

Initial (g): 0.55
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	10.7	1	15

Water Activity by REH

Batch: B5K1339
SOP: MCS-SOP-G03

Prep By: 1054
Prep On: 11/13/25 16:06

Ana. By: 1005
Ana. On: 11/14/25 14:38

Initial (g): 0.1045
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.43	1	0.65	0.040	0.040

Foreign Matter

Batch: B5K1340
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 11/13/25 16:00

Ana. By: 1048
Ana. On: 11/13/25 16:20

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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863-608-7800

Richard Dillen
Laboratory Director



Accreditation #102020

103025-ORNQ R3.5 (H)

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

Lab ID: JK13006-05
Received: 11/13/25 12:10
Completed: 11/17/25 17:35

Pesticides by LC-QQQ

Batch: B5K1329
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 11/13/25 17:24

Ana. By: 1056
Ana. On: 11/14/25 19:53

Initial (g): 1.0026
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	6.93	112
Acequinocyl	ND	10	100	4.13	112	Acetamiprid	ND	10	100	3.58	112
Aldicarb	ND	10	100	10.5	112	Azoxystrobin	ND	10	100	5.14	112
Bifenazate	ND	10	100	5.25	112	Bifenthrin	ND	10	100	4.36	112
Boscalid	ND	10	100	16.3	112	Carbaryl	ND	10	500	8.71	559
Carbofuran	ND	10	100	4.13	112	Chlorantraniliprole	ND	10	1000	8.94	1120
Chlormequat chloride	ND	10	1000	3.46	1120	Chlorpyrifos	ND	10	100	4.69	112
Clofentezine	ND	10	200	5.47	223	Coumaphos	ND	10	100	7.60	112
Cyfluthrin	ND	10	500	42.9	559	Cypermethrin	ND	10	500	10.7	559
Daminozide	ND	10	100	8.71	112	Diazinon	ND	10	100	3.02	112
Dichlorvos	ND	10	100	11.2	112	Dimethoate	ND	10	100	1.23	112
Dimethomorph, Total	ND	10	200	3.46	223	Ethoprophos	ND	10	100	5.92	112
Etofenprox	ND	10	100	4.58	112	Etoxazole	ND	10	100	4.13	112
Fenhexamid	ND	10	100	5.47	112	Fenoxycarb	ND	10	100	5.03	112
Fenpyroximate	ND	10	100	2.46	112	Fipronil	ND	10	100	13.3	112
Flonicamid	ND	10	100	4.69	112	Fludioxonil	ND	10	100	9.83	112
Hexythiazox	ND	10	100	3.46	112	Imazalil	ND	10	100	5.92	112
Imidacloprid	ND	10	400	5.03	447	Kresoxim-Methyl	ND	10	100	5.03	112
Malathion	ND	10	200	16.3	223	Metalaxyl	ND	10	100	5.59	112
Methiocarb	ND	10	100	10.2	112	Methomyl	ND	10	100	2.23	112
Mevinphos	ND	10	100	5.92	112	Myclobutanil	ND	10	100	7.93	112
Dibrom (Naled)	ND	10	250	10.7	279	Oxamyl	ND	10	250	2.35	279
Paclobutrazol	ND	10	100	8.27	112	Permethrin	ND	10	100	4.47	112
Phosmet	ND	10	100	5.03	112	Piperonyl butoxide	ND	10	3000	22.3	3350
Prallethrin	ND	10	100	6.48	112	Propiconazole (Tilt)	ND	10	100	5.03	112
Baygon (Propoxur)	ND	10	100	3.35	112	Pyrethrins, Total	ND	10	500	6.03	112
Pyridaben	ND	10	200	1.79	223	Spinetoram, Total	ND	10	200	3.69	112
Spiromesifen	ND	10	100	4.02	112	Spirotetramat	ND	10	100	4.92	112
Spiroxamine	ND	10	100	2.79	112	Tebuconazole	ND	10	100	4.36	112
Thiacloprid	ND	10	100	1.79	112	Thiamethoxam	ND	10	500	2.46	559
Trifloxystrobin	ND	10	100	4.58	112	Spinosad, Total	ND	10	100	4.92	112

Pesticides by GC-QQQ

Batch: B5K1329
SOP: MCS-SOP-001a

Prep By: 1005
Prep On: 11/13/25 17:24

Ana. By: 1056
Ana. On: 11/15/25 01:32

Initial (g): 1.0026
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozone)	ND	5	150	9.57	83.8	Methyl parathion	ND	5	100	4.78	55.9
Captan	ND	5	700	13.8	391	Chlordane, Total	ND	5	100	10.9	55.9
Chlorfenapyr	ND	5	100	12.2	55.9						

Mycotoxins by LC-QQQ

Batch: B5K1329
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 11/13/25 17:24

Ana. By: 1056
Ana. On: 11/15/25 03:10

Initial (g): 1.0026
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	9.97	9.97	Ochratoxin A	ND	10	20	2.51	9.97
Aflatoxin G2	ND	10	20	7.45	9.97	Aflatoxin G1	ND	10	20	3.23	9.97
Aflatoxin B2	ND	10	20	3.87	9.97	Aflatoxin B1	ND	10	20	2.93	9.97



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103025-ORNQ R3.5 (H)

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

Lab ID: **JK13006-05**
Received: 11/13/25 12:10
Completed: 11/17/25 17:35

Total Metals by ICP-MS

Batch: B5K1335
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 11/14/25 09:01

Ana. By: 1028
Ana. On: 11/14/25 13:47

Initial (g): 0.2529
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	55.4	277	Mercury	ND	1	200	22.1	55.4

Microbials by qPCR

Batch: B5K1306
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 11/13/25 14:09

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

Initial (g): 1.0014
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: B5K1307
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 11/13/25 15:08

Ana. By: 1053
Ana. On: 11/13/25 16:30

Initial (g): 1.0042
Final (g): 19

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