



GrowHealthy

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 12/24/2025
Batch Size: 3409 g
Batch Unit Size: 3.5 g
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 4582986229676572
QA Sample ID: 5325745418525364

121025-ORNQ R3.5 (H)

Laboratory ID: JL27001-02
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: 12/27/25
Received: 12/27/25 13:10
Completed: 12/31/25 12:12



POTENCY SUMMARY (As Received)

Total CBD
0.0802% (2.81 mg)

Total THC
24.8% (868 mg)

Total Cannabinoids
29.0% (1,020 mg)

Analyte	%	mg
THCa	27.9	977
CBGa	0.654	22.9
delta 9-THC	0.318	11.1
CBDA	0.0915	3.20
CBG	0.0820	2.87
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
1.57%

Analyte	%
d-Limonene	0.485
Linalool	0.188
beta-Caryophyllene	0.176
beta-Myrcene	0.141
trans-Nerolidol	0.0800
alpha-Humulene	0.0748
alpha-Bisabolol	0.0698
beta-Pinene	0.0674
Fenchyl Alcohol	0.0656
(+/-)-Borneol	0.0523

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

121025-ORNQ R3.5 (H)

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

Lab ID: JL27001-02
Received: 12/27/25 13:10
Completed: 12/31/25 12:12

Potency by HPLC

Batch: B5L2616
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 12/29/25 08:14

Ana. By: 1005
Ana. On: 12/30/25 01:17

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

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	24.8	100	0.0315	0.462	Total CBD	0.0802	1	0.000482	0.00462
delta 8-THC	ND	1	0.000157	0.00246	delta 9-THC	0.318	1	0.000167	0.00246
THCa	27.9	100	0.0167	0.246	THCV	ND	1	0.000354	0.00246
CBD	ND	1	0.000325	0.00246	CBDa	0.0915	1	0.000197	0.00246
CBDV	ND	1	0.000217	0.00246	CBC	ND	1	0.000738	0.00246
CBG	0.0820	1	0.000157	0.00246	CBGa	0.654	100	0.0157	0.246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B5L2622
SOP: MCS-SOP-004

Prep By: 1055
Prep On: 12/29/25 09:58

Ana. By: 1005
Ana. On: 12/29/25 19:35

Initial (g): 0.1012
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0495	1	0.00494	0.00988	Camphene	0.0163	1	0.00494	0.00988
beta-Pinene	0.0674	1	0.00494	0.00988	3-Carene	ND	1	0.00494	0.00988
alpha-Terpinene	ND	1	0.00494	0.00988	Camphor	ND	1	0.00494	0.00988
d-Limonene	0.485	1	0.00494	0.00988	1,8-Cineole (Eucalyptol)	ND	1	0.00494	0.00988
gamma-Terpinene	ND	1	0.00494	0.00988	Terpinolene	0.0103	1	0.00494	0.00988
Isopulegol	0.0501	1	0.00494	0.00988	Linalool	0.188	1	0.00494	0.00988
Geraniol	ND	1	0.00494	0.00988	beta-Caryophyllene	0.176	1	0.00494	0.00988
alpha-Humulene	0.0748	1	0.00494	0.00988	cis-Nerolidol	ND	1	0.00494	0.00988
Caryophyllene oxide	ND	1	0.00494	0.00988	(+/-)-Fenchone	ND	1	0.00494	0.00988
(+/-)-Borneol	0.0523	1	0.00494	0.00988	(+)-Pulegone	ND	1	0.00494	0.00988
Cedrol	ND	1	0.00494	0.00988	Geranyl Acetate	ND	1	0.00494	0.00988
alpha-Bisabolol	0.0698	1	0.00494	0.00988	alpha-Phellandrene	ND	1	0.00494	0.00988
alpha-Terpineol	0.0473	1	0.00494	0.00988	Nerol	ND	1	0.00494	0.00988
Sabinene	ND	1	0.00494	0.00988	Valencene	ND	1	0.00494	0.00988
beta-Myrcene	0.141	1	0.00494	0.00988	Sabinene Hydrate	ND	1	0.00494	0.00988
alpha-Cedrene	ND	1	0.00494	0.00988	Fenchyl Alcohol	0.0656	1	0.00494	0.00988
Guaiol	ND	1	0.00494	0.00988	trans-Nerolidol	0.0800	1	0.00494	0.00988
Isoborneol	ND	1	0.00494	0.00988	Ocimene, Total	ND	1	0.00494	0.00988
gamma-Terpineol	ND	1	0.00494	0.00988	Menthol	ND	1	0.00494	0.00988

Moisture by Moisture Balance

Batch: B5L2630
SOP: MCS-SOP-G02

Prep By: 1054
Prep On: 12/29/25 10:10

Ana. By: 1054
Ana. On: 12/29/25 13:21

Initial (g): 0.525
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.2	1	15

Water Activity by REH

Batch: B5L2628
SOP: MCS-SOP-G03

Prep By: 1005
Prep On: 12/27/25 13:46

Ana. By: 1048
Ana. On: 12/29/25 13:12

Initial (g): 0.1006
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.48	1	0.65	0.040	0.040

Foreign Matter

Batch: B5L2629
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 12/27/25 14:00

Ana. By: 1048
Ana. On: 12/27/25 14:15

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

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Lakeland, FL 33813
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863-608-7800

Richard Dillen
Laboratory Director



Accreditation #102020



121025-ORNQ R3.5 (H)

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

Lab ID: JL27001-02
Received: 12/27/25 13:10
Completed: 12/31/25 12:12

Pesticides by LC-QQQ

Batch: B5L2619
SOP: MCS-SOP-001b

Prep By: 1054
Prep On: 12/29/25 10:01

Ana. By: 1067
Ana. On: 12/29/25 17:28

Initial (g): 1.0007
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	113	Acephate	ND	10	100	6.98	113
Acequinocyl	ND	10	100	4.16	113	Acetamiprid	ND	10	100	3.60	113
Aldicarb	ND	10	100	10.6	113	Azoxystrobin	ND	10	100	5.18	113
Bifenazate	ND	10	100	5.29	113	Bifenthrin	ND	10	100	4.39	113
Boscalid	ND	10	100	16.4	113	Carbaryl	ND	10	500	8.78	563
Carbofuran	ND	10	100	4.16	113	Chlorantraniliprole	ND	10	1000	9.00	1130
Chlormequat chloride	ND	10	1000	3.49	1130	Chlorpyrifos	ND	10	100	4.73	113
Clofentezine	ND	10	200	5.52	225	Coumaphos	ND	10	100	7.65	113
Cyfluthrin	ND	10	500	43.2	563	Cypermethrin	ND	10	500	10.8	563
Daminozide	ND	10	100	8.78	113	Diazinon	ND	10	100	3.04	113
Dichlorvos	ND	10	100	11.3	113	Dimethoate	ND	10	100	1.24	113
Dimethomorph, Total	ND	10	200	3.49	225	Ethoprophos	ND	10	100	5.97	113
Etofenprox	ND	10	100	4.61	113	Etoxazole	ND	10	100	4.16	113
Fenhexamid	ND	10	100	5.52	113	Fenoxycarb	ND	10	100	5.07	113
Fenpyroximate	ND	10	100	2.48	113	Fipronil	ND	10	100	13.4	113
Flonicamid	ND	10	100	4.73	113	Fludioxonil	ND	10	100	9.91	113
Hexythiazox	ND	10	100	3.49	113	Imazalil	ND	10	100	5.97	113
Imidacloprid	ND	10	400	5.07	450	Kresoxim-Methyl	ND	10	100	5.07	113
Malathion	ND	10	200	16.4	225	Metalaxyl	ND	10	100	5.63	113
Methiocarb	ND	10	100	10.2	113	Methomyl	ND	10	100	2.25	113
Mevinphos	ND	10	100	5.97	113	Myclobutanil	ND	10	100	7.99	113
Dibrom (Naled)	ND	10	250	10.8	281	Oxamyl	ND	10	250	2.36	281
Paclobutrazol	ND	10	100	8.33	113	Permethrin	ND	10	100	4.50	113
Phosmet	ND	10	100	5.07	113	Piperonyl butoxide	ND	10	3000	22.5	3380
Prallethrin	ND	10	100	6.53	113	Propiconazole (Tilt)	ND	10	100	5.07	113
Baygon (Propoxur)	ND	10	100	3.38	113	Pyrethrins, Total	ND	10	500	6.08	113
Pyridaben	ND	10	200	1.80	225	Spinetoram, Total	ND	10	200	3.71	113
Spiromesifen	ND	10	100	4.05	113	Spirotetramat	ND	10	100	4.95	113
Spiroxamine	ND	10	100	2.81	113	Tebuconazole	ND	10	100	4.39	113
Thiacloprid	ND	10	100	1.80	113	Thiamethoxam	ND	10	500	2.48	563
Trifloxystrobin	ND	10	100	4.61	113	Spinosad, Total	ND	10	100	4.95	113

Pesticides by GC-QQQ

Batch: B5L2619
SOP: MCS-SOP-001a

Prep By: 1054
Prep On: 12/29/25 10:01

Ana. By: 1056
Ana. On: 12/29/25 20:10

Initial (g): 1.0007
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	9.64	84.4	Methyl parathion	ND	5	100	4.81	56.3
Captan	ND	5	700	13.9	394	Chlordane, Total	24.0	5	100	11.0	56.3
Chlorfenapyr	ND	5	100	12.3	56.3						

Mycotoxins by LC-QQQ

Batch: B5L2619
SOP: MCS-SOP-001b

Prep By: 1054
Prep On: 12/29/25 10:01

Ana. By: 1067
Ana. On: 12/30/25 00:04

Initial (g): 1.0007
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



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121025-ORNQ R3.5 (H)

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

Lab ID: **JL27001-02**
Received: 12/27/25 13:10
Completed: 12/31/25 12:12

Total Metals by ICP-MS

Batch: B5L2625
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 12/29/25 10:22

Ana. By: 1028
Ana. On: 12/29/25 13:49

Initial (g): 0.2525
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: B5L2701
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 12/28/25 12:45

Ana. By: 1053
Ana. On: 12/29/25 14:22

Initial (g): 1.0008
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: B5L2702
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 12/27/25 17:36

Ana. By: 1053
Ana. On: 12/27/25 19:11

Initial (g): 1.0084
Final (g): 19

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