



GrowHealthy

Cultivation Facility: Lake Wales
Processing Facility: Lake Wales
Batch Date: 10/18/2025
Batch Size: 4361 g
Batch Unit Size: 3.5 g
Units Sampled: 9
Total Amt. Sampled: 31.5 g
Seed to Sale ID: 8560701771995106
QA Sample ID: 4236387262988721

092725-ORNQ R3.5 (H)

Laboratory ID: JJ20014-06
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: 10/20/25
Received: 10/20/25 18:02
Completed: 10/23/25 16:26



POTENCY SUMMARY (As Received)

Total CBD
0.0508% (1.78 mg)

Total THC
22.1% (774 mg)

Total Cannabinoids
25.9% (908 mg)

Analyte	%	mg
THCa	24.7	865
CBGa	0.633	22.2
delta 9-THC	0.413	14.5
CBG	0.122	4.27
CBDa	0.0579	2.03
THCV	0.00420	0.147
CBC	<LOQ	<LOQ
CBD	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
1.78%

Analyte	%
d-Limonene	0.632
beta-Caryophyllene	0.219
beta-Myrcene	0.128
Linalool	0.122
alpha-Humulene	0.0832
trans-Nerolidol	0.0812
beta-Pinene	0.0705
Isopulegol	0.0680
Fenchyl Alcohol	0.0592
alpha-Bisabolol	0.0565

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

092725-ORNQ R3.5 (H)

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

Lab ID: **JJ20014-06**
Received: 10/20/25 18:02
Completed: 10/23/25 16:26

Potency by HPLC

Batch: B5J2019
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 10/21/25 08:46

Ana. By: 1057
Ana. On: 10/21/25 22:36

Initial (g): 0.2018
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	22.1	100	0.0317	0.465	Total CBD	0.0508	1	0.000486	0.00465
delta 8-THC	ND	1	0.000159	0.00248	delta 9-THC	0.413	1	0.000168	0.00248
THCa	24.7	100	0.0168	0.248	THCV	0.00420	1	0.000357	0.00248
CBD	ND	1	0.000327	0.00248	CBDa	0.0579	1	0.000198	0.00248
CBDV	ND	1	0.000218	0.00248	CBC	ND	1	0.000743	0.00248
CBG	0.122	1	0.000159	0.00248	CBGa	0.633	100	0.0159	0.248
CBN	ND	1	0.000188	0.00248					

Terpene Screen by GC/MS

Batch: B5J2105
SOP: MCS-SOP-004

Prep By: 1055
Prep On: 10/21/25 10:22

Ana. By: 1062
Ana. On: 10/22/25 05:06

Initial (g): 0.1009
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0547	1	0.00496	0.00991	Camphene	0.0153	1	0.00496	0.00991
beta-Pinene	0.0705	1	0.00496	0.00991	3-Carene	ND	1	0.00496	0.00991
alpha-Terpinene	ND	1	0.00496	0.00991	Camphor	ND	1	0.00496	0.00991
d-Limonene	0.632	1	0.00496	0.00991	1,8-Cineole (Eucalyptol)	ND	1	0.00496	0.00991
gamma-Terpinene	0.00598	1	0.00496	0.00991	Terpinolene	0.0251	1	0.00496	0.00991
Isopulegol	0.0680	1	0.00496	0.00991	Linalool	0.122	1	0.00496	0.00991
Geraniol	ND	1	0.00496	0.00991	beta-Caryophyllene	0.219	1	0.00496	0.00991
alpha-Humulene	0.0832	1	0.00496	0.00991	cis-Nerolidol	ND	1	0.00496	0.00991
Caryophyllene oxide	0.0407	1	0.00496	0.00991	(+/-)-Fenchone	ND	1	0.00496	0.00991
(+/-)-Borneol	0.0182	1	0.00496	0.00991	(+)-Pulegone	ND	1	0.00496	0.00991
Cedrol	ND	1	0.00496	0.00991	Geranyl Acetate	ND	1	0.00496	0.00991
alpha-Bisabolol	0.0565	1	0.00496	0.00991	alpha-Phellandrene	ND	1	0.00496	0.00991
alpha-Terpineol	0.0429	1	0.00496	0.00991	Nerol	ND	1	0.00496	0.00991
Sabinene	0.0157	1	0.00496	0.00991	Valencene	ND	1	0.00496	0.00991
beta-Myrcene	0.128	1	0.00496	0.00991	Sabinene Hydrate	0.00649	1	0.00496	0.00991
alpha-Cedrene	ND	1	0.00496	0.00991	Fenchyl Alcohol	0.0592	1	0.00496	0.00991
Guaiol	ND	1	0.00496	0.00991	trans-Nerolidol	0.0812	1	0.00496	0.00991
Isoborneol	ND	1	0.00496	0.00991	Ocimene, Total	0.0353	1	0.00496	0.00991
gamma-Terpineol	ND	1	0.00496	0.00991	Menthol	ND	1	0.00496	0.00991

Moisture by Moisture Balance

Batch: B5J2107
SOP: MCS-SOP-G02

Prep By: 1055
Prep On: 10/21/25 13:44

Ana. By: 1055
Ana. On: 10/21/25 15:11

Initial (g): 0.506
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.7	1	15

Water Activity by REH

Batch: B5J2025
SOP: MCS-SOP-G03

Prep By: 1054
Prep On: 10/21/25 11:30

Ana. By: 1048
Ana. On: 10/22/25 14:19

Initial (g): 0.105
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: B5J2018
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 10/21/25 09:00

Ana. By: 1048
Ana. On: 10/21/25 09:30

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

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

092725-ORNQ R3.5 (H)

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

Lab ID: JJ20014-06
Received: 10/20/25 18:02
Completed: 10/23/25 16:26

Pesticides by LC-QQQ

Batch: B5J2022
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 10/21/25 11:30

Ana. By: 1056
Ana. On: 10/22/25 11:10

Initial (g): 1.0028
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	56.4	Acephate	ND	10	100	7.00	28.2
Acequinocyl	ND	10	100	4.18	56.4	Acetamiprid	ND	10	100	3.61	28.2
Aldicarb	ND	10	100	10.6	28.2	Azoxystrobin	ND	10	100	5.19	14.1
Bifenazate	ND	10	100	5.31	28.2	Bifenthrin	ND	10	100	4.40	14.1
Boscalid	ND	10	100	16.5	56.4	Carbaryl	ND	10	500	8.80	28.2
Carbofuran	ND	10	100	4.18	14.1	Chlorantraniliprole	ND	10	1000	9.03	141
Chlormequat chloride	ND	10	1000	3.50	56.4	Chlorpyrifos	ND	10	100	4.74	28.2
Clofentezine	ND	10	200	5.53	28.2	Coumaphos	ND	10	100	7.68	28.2
Cyfluthrin	ND	10	500	43.3	141	Cypermethrin	ND	10	500	10.8	141
Daminozide	ND	10	100	8.80	56.4	Diazinon	ND	10	100	3.05	14.1
Dichlorvos	ND	10	100	11.3	56.4	Dimethoate	ND	10	100	1.24	14.1
Dimethomorph, Total	ND	10	200	3.50	56.4	Ethoprophos	ND	10	100	5.98	14.1
Etofenprox	ND	10	100	4.63	28.2	Etoxazole	ND	10	100	4.18	28.2
Fenhexamid	ND	10	100	5.53	56.4	Fenoxycarb	ND	10	100	5.08	28.2
Fenpyroximate	ND	10	100	2.48	14.1	Fipronil	ND	10	100	13.4	56.4
Flonicamid	ND	10	100	4.74	28.2	Fludioxonil	ND	10	100	9.93	56.4
Hexythiazox	ND	10	100	3.50	14.1	Imazalil	ND	10	100	5.98	56.4
Imidacloprid	ND	10	400	5.08	28.2	Kresoxim-Methyl	ND	10	100	5.08	28.2
Malathion	ND	10	200	16.5	56.4	Metalaxyl	ND	10	100	5.64	14.1
Methiocarb	ND	10	100	10.3	28.2	Methomyl	ND	10	100	2.26	14.1
Mevinphos	ND	10	100	5.98	28.2	Myclobutanil	ND	10	100	8.01	28.2
Dibrom (Naled)	ND	10	250	10.8	56.4	Oxamyl	ND	10	250	2.37	14.1
Paclobutrazol	ND	10	100	8.35	28.2	Permethrin	ND	10	100	4.52	28.2
Phosmet	ND	10	100	5.08	28.2	Piperonyl butoxide	ND	10	3000	22.6	56.4
Prallethrin	ND	10	100	6.55	28.2	Propiconazole (Tilt)	ND	10	100	5.08	56.4
Baygon (Propoxur)	ND	10	100	3.39	14.1	Pyrethrins, Total	ND	10	500	6.10	56.4
Pyridaben	ND	10	200	1.81	14.1	Spinetoram, Total	ND	10	200	3.73	56.4
Spiromesifen	ND	10	100	4.06	14.1	Spirotetramat	ND	10	100	4.97	28.2
Spiroxamine	ND	10	100	2.82	14.1	Tebuconazole	ND	10	100	4.40	28.2
Thiacloprid	ND	10	100	1.81	28.2	Thiamethoxam	ND	10	500	2.48	28.2
Trifloxystrobin	ND	10	100	4.63	14.1	Spinosad, Total	ND	10	100	4.97	40.9

Pesticides by GC-QQQ

Batch: B5J2022
SOP: MCS-SOP-001a

Prep By: 1030
Prep On: 10/21/25 11:30

Ana. By: 1056
Ana. On: 10/22/25 01:26

Initial (g): 1.0028
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	9.67	28.2	Methyl parathion	ND	5	100	4.83	28.2
Captan	ND	5	700	13.9	28.2	Chlordane, Total	ND	5	100	11.0	28.2
Chlorfenapyr	ND	5	100	12.3	28.2						

Mycotoxins by LC-QQQ

Batch: B5J2022
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 10/21/25 11:30

Ana. By: 1056
Ana. On: 10/21/25 21:12

Initial (g): 1.0028
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



CMTL-0005

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Richard Dillen
Laboratory Director



Accreditation #102020



092725-ORNQ R3.5 (H)

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

Lab ID: JJ20014-06
Received: 10/20/25 18:02
Completed: 10/23/25 16:26

Total Metals by ICP-MS

Batch: B5J2106
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 10/22/25 07:40

Ana. By: 1005
Ana. On: 10/22/25 13:49

Initial (g): 0.2515
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	22.5	113	Cadmium	ND	1	200	22.5	113
Lead	ND	1	500	56.3	281	Mercury	ND	1	200	22.5	56.3

Microbials by qPCR

Batch: B5J2111
SOP: MCS-SOP-M01

Prep By: 1058
Prep On: 10/21/25 10:33

Ana. By: 1005
Ana. On: 10/22/25 12:54

Initial (g): 1.0001
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: B5J2112
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 10/21/25 14:20

Ana. By: 1005
Ana. On: 10/21/25 15:44

Initial (g): 1.0045
Final (g): 19

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