Fernway
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Certificate of Analysis

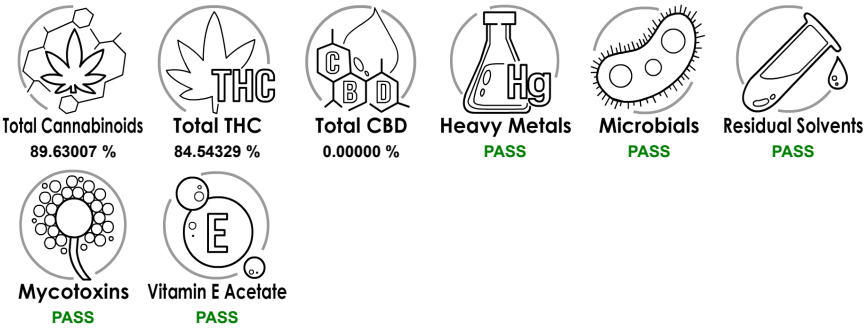
Final

Date Released: 9/23/2026 8:21:33PM

Report #: 165238

Mandarin Orange Vape Cartridge - 1.0g (510)

Sample #: 221364, **Weight:** 7.00g, **Unit Count:**
Order #: X260918-0001
Category/Type: Concentrates & Vapes, Vape Cartridge
Date Collected: 9/18/2026 7:15:10AM
Date Received: 9/18/2026 2:20:33PM
Date Analyzed: 9/23/2026 4:16:01PM
METRC Sample ID: 1A40A0300003779000133985
METRC Source Package ID:
1A40A0300003779000151567
METRC Batch ID: FMA-MANDAR-1G-260917



Cannabinoids

Total Cannabinoids: 89.63007 %
Total THC: 84.54329 %
Total CBD: 0.00000 %

Date Completed: 09/23/2026 7:05AM
Analyst ID: B125893

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g
d9-THC	1972-08-3	.1238	.4	84.54329	845.43292
CBG	25654-31-3	.1687	.4	2.69914	26.99144
CBC	20675-51-8	.1753	.4	1.00476	10.04757
CBN	521-35-7	.1875	.4	0.89439	8.94386
THCV	31262-37-0	.1298	.4	0.48849	4.88487
THCa	23978-85-0	.1	.4	ND	ND
d8-THC	5957-75-5	.1822	.4	ND	ND
CBD	13956-29-1	.1892	.4	<LOQ	<LOQ
CBDa	1244-58-2	.1278	.4	ND	ND
CBGA	25555-57-1	.1353	.4	ND	ND
CBDV	24274-48-4	.1227	.4	ND	ND

Relative Concentration



All data contained in this report has been reviewed for accuracy to ensure all quality control requirements are met and conform with ISO/IEC 17025:2017.
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Green Valley ANALYTICS

PJLA Testing Accreditation #113890

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Ross Franklin

Ross Franklin, Lab Director
9/23/2026 9:44:07PM

Report Generated On: 09/23/2026 9:44:08PM

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Sample #: 221364 — **Mandarin Orange Vape Cartridge - 1.0g (510)**

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
THCVa	39986-26-0	.1674	.4	ND	ND	

Test Comment: Total THC = (THCa * 0.877) + d9THC
Total Cannabionids = Addition of all cannabionoids with no multiplier
Total CBD = (CBDa * 0.877) + CBD
Analytical Method: HPLC Lab SOP: L-012 Cannabinoids

Vitamin E Acetate

Pass

Date Completed: 09/23/2026 2:36PM
Analyst ID: B123385

Compound	LOD (mg/g)	LOQ (mg/g)	Limits (mg/g)	Result (mg/g)	Status
Vitamin E Acetate	0.0103	0.05	0.05	ND	Pass

Comment: Analytical Method: HPLC Lab SOP L-018 Vitamin E Acetate

Residual Solvents

Pass

Date Completed: 09/22/2026 7:34AM
Analyst ID: B156623

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	18.721	56.162	5000	ND	Pass
Butane	2.11	6.6667	12	ND	Pass
Ethanol	136.6999	410.0998	5000	ND	Pass
Isobutane	2.5540	6.6667	12	ND	Pass
Isopropyl Alcohol	66	200	5000	ND	Pass
Pentane	19.288	57.864	5000	ND	Pass
Propane	2.8051	6.6667	12	ND	Pass

Comment: Analytical Method: GC-MS Lab SOP: L-016 Residual Solvents
****Pentane & Isopropyl Alcohol is not part of ISO17025 scope****

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Sample #: 221364 **Mandarin Orange Vape Cartridge - 1.0g (510)**

Mycotoxins

Pass

Date Completed: 09/22/2026 8:08AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Metals

Pass

Date Completed: 09/23/2026 3:07PM

Analyst ID: B163217

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	ND	Pass
Mercury	23.62	70.84	100	ND	Pass

Comment: Analytical Method: ICP-MS Lab SOP: L-015 Metals

Microbials Count/Qualitative

Pass

Date Completed: 09/23/2026 4:16PM

Analyst ID: B143512

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		100	100	<LOQ	Pass
Salmonella Qualitative				Not Detected	Pass
STEC Qualitative				Not Detected	Pass
Total Aerobic Bacteria		100	10000	<LOQ	Pass

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Sample #: 221364

Mandarin Orange Vape Cartridge - 1.0g (510)

Microbials Count/Qualitative

Pass

Date Completed: 09/23/2026 4:16PM

Analyst ID: B143512

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Coliforms		100	100	<LOQ	Pass
Yeast & Mold		100	1000	<LOQ	Pass

Comment: Analytical Method: PCR Lab SOP: L-017 Microbiological Analysis of STEC & Salmonella in Marajuana via PCR
Analytical Method: Plating Lab SOP: L-024 Microbiological Contaminants Analysis via 3M Petrifilm Plates

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