Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z

Matrix: Concentrates & Extracts Type: Rosin Source Batch #: OZ-2-2025

Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water



Summary		
Test	Date Tested	Result
Batch		Pass
Cannabinoids	09/16/2025	Complete
Terpenes	09/18/2025	Complete
Residual Solvents	09/16/2025	Pass
Microbials	09/16/2025	Pass
Mycotoxins	09/17/2025	Pass
Pesticides	09/17/2025	Pass
Heavy Metals	09/16/2025	Pass

Cannabinoids by SOP-6

Complete

73.1289%

Total THC

0.1269%

Total CBD

77.7550%

Total Cannabinoids (Q3)

6.5447%

Total Terpenes

Analyte	LOD	LOQ	Result	Result	
	%	%	%	mg/g	
THCa		0.1000	0.1022	1.022	
Δ9-THC		0.1000	73.0393	730.393	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	0.3852	3.852	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.1269	1.269	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.1071	1.071	
CBGa		0.1000	0.1830	1.830	
CBG		0.1000	2.8147	28.147	
CBC		0.1000	0.9966	9.966	
Total THC			73.1289	731.2895	
Total CBD			0.1269	1.2690	
Total			77.7550	777.5502	

Date Tested: 09/16/2025 07:00 am



Anthony Settanni

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Lab Director

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2 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z

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Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	lmazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	0.5418		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000 0.4000	ND		Pass	Thiacloprid Thiamethoxam	0.1000 0.1000	0.2000	ND		Pass Pass
Fludioxonil	0.2000	0.4000	ND		Pass				ND		
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 09/17/2025 07:00 am



Stathamy Section Anthony Settanni Lab Director

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Pass

Apollo Labs 17301 North Perimeter Drive Scottsdale, AZ 85255

(602) 767-7600 http://www.apollolabscorp.com Lic# 00000013LCRK62049775

3 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z Matrix: Concentrates & Extracts Type: Rosin

Source Batch #: OZ-2-2025

Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

CFU/g

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

CFU/g

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

CFU/g

< 10 CFU/g

Microbials					Pass
Analyte	Limit		Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g		ND	Pass	Q1
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g		ND	Pass	Q1
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g		ND	Pass	Q1
Analyte	LOQ	Limit	Result	Status	Q

Date Tested: 09/16/2025 12:00 am

E. Coli by traditional plating: SOP-13

Mycotoxins by SOP-22

Pass

Q1

Analyte	LOD	LOQ	Limit	Units	Status	Q
	µg/kg	μg/kg	µg/kg	μg/kg		
B1	5	10	20	ND	Pass	
B2	5	10	20	ND	Pass	
G1	5	10	20	ND	Pass	
G2	5	10	20	ND	Pass	
Total Aflatoxins	5	10	20	ND	Pass	
Ochratoxin A	5	10	20	ND	Pass	

Date Tested: 09/17/2025 07:00 am

Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

Date Tested: 09/16/2025 07:00 am



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4 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z

Matrix: Concentrates & Extracts Type: Rosin Source Batch #: OZ-2-2025

Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

Lot #:

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

Residual Solvents by SOP-3

Analyte	LOQ	Limit	Result	Status	Q
	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	
Acetonitrile	154.0000	410.0000	ND	Pass	
Benzene	1.0000	2.0000	ND	Pass	
Butanes	1914.0000	5000.0000	ND	Pass	
Chloroform	24.0000	60.0000	ND	Pass	
Dichloromethane	231.0000	600.0000	ND	Pass	
Ethanol	1910.0000	5000.0000	ND	Pass	
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	
n-Heptane	1892.0000	5000.0000	ND	Pass	
Hexanes	115.0000	290.0000	ND	Pass	
Isopropanol	1915.0000	5000.0000	ND	Pass	
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	
Methanol	1141.0000	3000.0000	ND	Pass	
Pentane	1923.0000	5000.0000	ND	Pass	
Toluene	343.0000	890.0000	ND	Pass	
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	

Date Tested: 09/16/2025 07:00 am



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Matrix: Concentrates & Extracts Type: Rosin Source Batch #: OZ-2-2025

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Client

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Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

Terpenes

Analyte	LOQ	Result	Result	Q	Analyte	LOQ	Result	Result	Q	
	%	%	mg/g			%	%	mg/g		
β-Caryophyllene	0.0010	1.7950	17.950	Q3	Endo-Fenchyl Alcohol	0.0010	ND	ND	Q3	
D,L-Limonene	0.0010	1.3074	13.074	Q3	Eucalyptol	0.0010	ND	ND	Q3	
α-Humulene	0.0010	0.8158	8.158	Q3	y-Terpinene	0.0010	ND	ND	Q3	
α-Bisabolol	0.0010	0.5742	5.742	Q3	Geraniol	0.0010	ND	ND	Q3	
Linalool	0.0010	0.4644	4.644	Q3	Geranyl Acetate	0.0010	ND	ND	Q3	
Guaiol	0.0010	0.3557	3.557	Q3	Isoborneol	0.0010	ND	ND	Q3	
β-Myrcene	0.0010	0.3524	3.524	Q3	Isobornyl Acetate	0.0010	ND	ND	Q3	
α-Pinene	0.0010	0.2063	2.063	Q3	Isopulegol	0.0010	ND	ND	Q3	
trans-Nerolidol	0.0010	0.1561	1.561	Q3	m-Cymene	0.0010	ND	ND	Q3	
α-Terpineol	0.0010	0.1438	1.438	Q3	Menthol	0.0010	ND	ND	Q3	
β-Pinene	0.0010	0.1332	1.332	Q3	L-Menthone	0.0010	ND	ND	Q3	
cis-Farnesol	0.0010	0.0918	0.918	Q3	Nerol	0.0010	ND	ND	Q3	
Camphene	0.0010	0.0441	0.441	Q3	Nootkatone	0.0010	ND	ND	Q3	
Caryophyllene Oxide	0.0010	0.0376	0.376	Q3	o,p-Cymene	0.0010	ND	ND	Q3	
D,L-Borneol	0.0010	0.0287	0.287	Q3	Octyl Acetate	0.0010	ND	ND	Q3	
Terpinolene	0.0010	0.0185	0.185	Q3	Phytane	0.0010	ND	ND	Q3	
trans-beta-Ocimene	0.0010	0.0118	0.118	Q3	Piperitone	0.0010	ND	ND	Q3	
Fenchone	0.0010	0.0079	0.079	Q3	Sabinene	0.0010	ND	ND	Q3	
3-Carene	0.0010	ND	ND	Q3	Sabinene Hydrate	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	Terpinen-4-ol	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	Thymol	0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	trans-Citral	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	Valencene	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	Verbenone	0.0010	ND	ND	Q3	
Citronellol	0.0010	ND	ND	Q3	Total		6.5447	65.447		

Primary Aromas











Date Tested: 09/18/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



thethomy Section Anthony Settanni

Lab Director 09/22/2025

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6 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z

Matrix: Concentrates & Extracts Type: Rosin Source Batch #: OZ-2-2025

Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

Qualifiers Definitions

Qualifier Notation	Qualifier Description
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection $(K)(2)(c)$, but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$, but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

Notes and Addenda:





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Chief Scientific Officer





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7 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z Matrix: Concentrates & Extracts

Source Batch #: OZ-2-2025

Type: Rosin

Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025 Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025

Client

MK Associates LLC - LunchBox Lic. # 00000143ESKB17654619

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water

Customer Supplied Information:





Bryant Kearl Chief Scientific Officer 09/22/2025

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8 of 8

Orange Z AIO .5g

Sample ID: 2509APO4126.20699 Strain: Orange Z

Matrix: Concentrates & Extracts Type: Rosin Source Batch #: OZ-2-2025

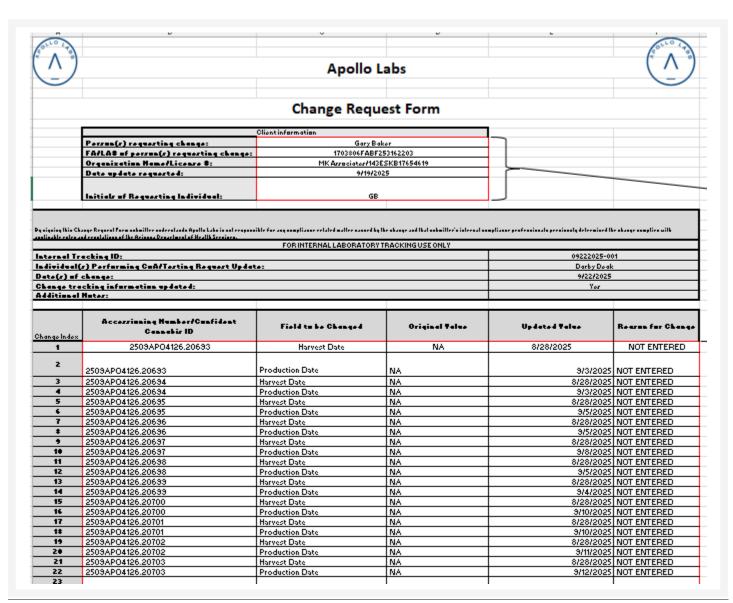
Collected: 09/16/2025 07:59 am Received: 09/16/2025 Completed: 09/22/2025

Batch #: OZ-AIO-091225 Harvest Date: 08/28/2025 Client

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Lot #:

Production/Manufacture Date: 09/04/2025 Production/Manufacture Method: Ice/Water





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09/22/2025

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