

Final Product Information:	
Product Form	Flower
Strain	F9 OG
Batch ID	43120325EG-F9OG
Harvest Date	12/03/2025
Distribution Chain:	
Cultivated By	Arizona Golden Leaf Wellness, Llc DBA High Grade - 00000077DCPS00216601
Packaged By	Cardinal Square, Inc - 00000114DCPD00232092
Distributed By	Cardinal Square, Inc - 00000114DCPD00232092
Arizona Dept. of Health Services Warning:	
	Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child
	Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery.
	Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection.
	Marijuana use may affect the health of a pregnant woman and the unborn child.
	KEEP OUT OF REACH OF CHILDREN.

F9 OG Flower

Sample ID: 2512EAZ0912.4342

Strain: F9 OG

Matrix: Plant

Type: Flower - Cured

Batch#: 43120325EG-F9OG

Collected: 12/11/2025 11:45 AM

Received: 12/11/2025

Completed: 12/16/2025

Sample Size: 13.97 g;

Harvest Date: 12/03/2025

Manufacture Date:

External Lot ID#: Source Batch #: 43120325EG-F9OG

Production Method: Indoor

Client

High Grade Confidential

Lic. # 00000077DCPS00216601

2320 E. Baseline Rd,

Ste 490,

Phoenix, AZ, 85042



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	12/15/2025	LC-UV VIS	Complete
Terpenes	12/11/2025	GC-MS	Complete
Pesticides	12/12/2025	LC-MS	Pass
Microbial Impurities	12/12/2025	3M Plating & qPCR	Pass
Heavy Metals	12/15/2025	ICP-MS	Pass

Cannabinoids

Method: SOPAZ_M-CANNABINOIDS

20.219 %

Total THC

0.030 %

Total CBD

21.498 %

Total Cannabinoids ^{Q3}

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.190	22.563	225.63	
Δ9 THC	0.190	0.431	4.31	
Δ8 THC	0.190	ND	ND	
THCVA	0.190	0.039	0.39	
THCV	0.190	ND	ND	
CBDA	0.190	0.034	0.34	
CBD	0.190	ND	ND	
CBN	0.190	ND	ND	
CBGA	0.190	0.976	9.76	
CBG	0.190	0.056	0.56	
CBCA	0.190	0.345	3.45	
CBC	0.190	ND	ND	
Total THC		20.219	202.19	
Total CBD		0.030	0.30	
Total Cannabinoids		21.498	214.98	Q3
Sum of Cannabinoids		24.445	244.45	Q3

Date Tested: 12/15/2025

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected Moisture Method: SOPAZ_M-MOISTURE



Kevin Nolan
Kevin Nolan
Laboratory Technical Director | 12/16/2025

Firas Haddad
Firas Haddad
Laboratory Manager | 12/16/2025



F9 OG Flower

Sample ID: 2512EAZ0912.4342
Strain: F9 OG
Matrix: Plant
Type: Flower - Cured
Batch#: 43120325EG-F9OG

Collected: 12/11/2025 11:45 AM
Received: 12/11/2025
Completed: 12/16/2025
Sample Size: 13.97 g;

Harvest Date: 12/03/2025
Manufacture Date:
External Lot ID#: Source Batch #: 43120325EG-F9OG
Production Method: Indoor

Client
High Grade Confidential
Lic. # 00000077DCPS00216601
2320 E. Baseline Rd,
Ste 490,
Phoenix, AZ, 85042

Terpenes

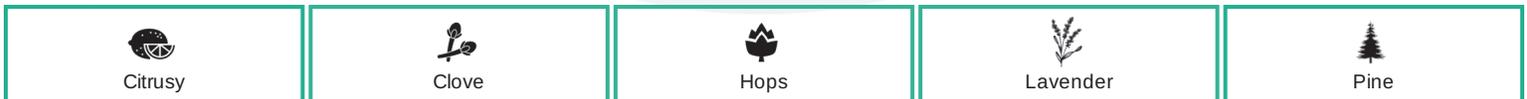
Method: SOPAZ_M-TERPENES

Analytes	LOQ	Result	Result	Q
	mg/g	mg/g	%	
δ-Limonene	0.195	5.937	0.594	Q3
β-Caryophyllene	0.195	5.635	0.564	Q3
α-Humulene	0.195	1.931	0.193	Q3
Linalool	0.195	1.516	0.152	Q3
β-Pinene	0.195	1.404	0.140	Q3
α-Bisabolol	0.973	1.290	0.129	Q3
α-Pinene	0.195	1.166	0.117	Q3
β-Myrcene	0.195	0.782	0.078	Q3
trans-B-ocimene	0.195	0.280	0.028	Q3
Camphene	0.195	0.256	0.026	Q3
Geraniol	0.973	<LOQ	<LOQ	Q3
Terpinolene	0.195	<LOQ	<LOQ	Q3
γ-Terpinene	0.195	<LOQ	<LOQ	Q3
δ-3-Carene	0.195	ND	ND	Q3
α-Terpinene	0.195	ND	ND	Q3
p-Cymene	0.195	ND	ND	Q3
Eucalyptol	0.195	ND	ND	Q3
cis-B-ocimene	0.195	ND	ND	Q3
Isopulegol	0.973	ND	ND	Q3
cis-Nerolidol	0.389	ND	ND	Q3
trans-Nerolidol	0.233	ND	ND	Q3
Caryophyllene Oxide	0.973	ND	ND	Q3
Guaiol	0.973	ND	ND	Q3
Total		20.198	2.020	Q3

Date Tested: 12/11/2025

LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected.

Primary Aromas



Kevin Nolan
Kevin Nolan
Laboratory Technical Director | 12/16/2025

Firas Haddad
Firas Haddad
Laboratory Manager | 12/16/2025



F9 OG Flower

Sample ID: 2512EAZ0912.4342

Strain: F9 OG

Matrix: Plant

Type: Flower - Cured

Batch#: 43120325EG-F9OG

Collected: 12/11/2025 11:45 AM

Received: 12/11/2025

Completed: 12/16/2025

Sample Size: 13.97 g;

Harvest Date: 12/03/2025

Manufacture Date:

External Lot ID#: Source Batch #: 43120325EG-F9OG

Production Method: Indoor

Client

High Grade Confidential

Lic. # 00000077DCPS00216601

2320 E. Baseline Rd,

Ste 490,

Phoenix, AZ, 85042

Pesticides

Method: SOPAZ_M-PESTICIDES

Analytes	LOQ	Limit	Result	Status	Q	Analytes	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin B1a	0.114	0.500	ND	Pass		Imidacloprid	0.188	0.400	ND	Pass	
Acephate	0.188	0.400	ND	Pass		Kresoxim-methyl	0.188	0.400	ND	Pass	
Acetamiprid	0.094	0.200	ND	Pass		Malathion	0.094	0.200	ND	Pass	
Aldicarb	0.188	0.400	ND	Pass		Metalaxyl	0.094	0.200	ND	Pass	
Azoxystrobin	0.094	0.200	ND	Pass		Methiocarb	0.094	0.200	ND	Pass	
Bifenazate	0.094	0.200	ND	Pass		Methomyl	0.188	0.400	ND	Pass L1, V1	
Bifenthrin	0.047	0.200	ND	Pass		Myclobutanil	0.094	0.200	ND	Pass	
Boscalid	0.188	0.400	ND	Pass		Naled	0.235	0.500	ND	Pass L1	
Carbaryl	0.094	0.200	ND	Pass R1, V1		Oxamyl	0.470	1.000	ND	Pass	
Carbofuran	0.094	0.200	ND	Pass		Paclobutrazol	0.188	0.400	ND	Pass	
Chlorantraniliprole	0.094	0.200	ND	Pass		Permethrins	0.047	0.200	ND	Pass	
Chlorpyrifos	0.047	0.200	ND	Pass		Phosmet	0.094	0.200	ND	Pass	
Clofentezine	0.094	0.200	ND	Pass		Piperonyl Butoxide	0.470	2.000	ND	Pass	
Cypermethrin	0.470	1.000	ND	Pass		Prallethrin	0.094	0.200	ND	Pass	
Daminozide	0.470	1.000	ND	Pass		Propiconazole	0.188	0.400	ND	Pass	
Diazinon	0.094	0.200	ND	Pass		Propoxur	0.094	0.200	ND	Pass	
Dichlorvos	0.047	0.100	ND	Pass	V1	Pyrethrins	0.428	1.000	ND	Pass	
Dimethoate	0.094	0.200	ND	Pass		Pyridaben	0.047	0.200	ND	Pass	
Ethoprophos	0.094	0.200	ND	Pass		Spinosad	0.094	0.200	ND	Pass	
Etofenprox	0.094	0.400	ND	Pass		Spiromesifen	0.094	0.200	ND	Pass	
Etoxazole	0.094	0.200	ND	Pass		Spirotetramat	0.094	0.200	ND	Pass	
Fenoxycarb	0.094	0.200	ND	Pass		Spiroxamine	0.188	0.200	ND	Pass	
Fenpyroximate	0.188	0.400	ND	Pass		Tebuconazole	0.188	0.400	ND	Pass	
Fipronil	0.188	0.400	ND	Pass	V1	Thiacloprid	0.094	0.200	ND	Pass	
Flonicamid	0.470	1.000	ND	Pass	V1	Thiamethoxam	0.094	0.200	ND	Pass	
Fludioxonil	0.188	0.400	ND	Pass		Trifloxystrobin	0.094	0.200	ND	Pass	
Hexythiazox	0.235	1.000	ND	Pass		Chlorfenapyr	0.470	1.000	ND	Pass V1	
Imazalil	0.094	0.200	ND	Pass		Cyfluthrin	0.470	1.000	ND	Pass	

Date Tested: 12/12/2025

LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected.



Kevin Nolan
Kevin Nolan
Laboratory Technical Director | 12/16/2025

Firas Haddad
Firas Haddad
Laboratory Manager | 12/16/2025



F9 OG Flower

Sample ID: 2512EAZ0912.4342

Strain: F9 OG

Matrix: Plant

Type: Flower - Cured

Batch#: 43120325EG-F9OG

Collected: 12/11/2025 11:45 AM

Received: 12/11/2025

Completed: 12/16/2025

Sample Size: 13.97 g;

Harvest Date: 12/03/2025

Manufacture Date:

External Lot ID#: Source Batch #: 43120325EG-F9OG

Production Method: Indoor

Client

High Grade Confidential

Lic. # 00000077DCPS00216601

2320 E. Baseline Rd,

Ste 490,

Phoenix, AZ, 85042

Microbial Impurities

Method: SOPAZ_M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	<10 CFU/g	100 CFU/g	Pass	

Date Tested: 12/12/2025

Method: SOPAZ_M-MICROBIALS

Analytes	Result	Limit	Status	Q
Salmonella spp	Not Detected	Not Detected in One Gram	Pass	
Aspergillus flavus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected	Not Detected in One Gram	Pass	

Date Tested: 12/12/2025

Heavy Metals

Method: SOPAZ_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Arsenic	0.032	0.094	0.400	ND	Pass	
Cadmium	0.033	0.094	0.400	ND	Pass	
Mercury	0.025	0.071	0.200	ND	Pass	
Lead	0.133	0.401	1.000	ND	Pass	

Date Tested: 12/15/2025

LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected.



Kevin Nolan
Kevin Nolan
Laboratory Technical Director | 12/16/2025

Firas Haddad
Firas Haddad
Laboratory Manager | 12/16/2025



F9 OG Flower

Sample ID: 2512EAZ0912.4342

Strain: F9 OG

Matrix: Plant

Type: Flower - Cured

Batch#: 43120325EG-F9OG

Collected: 12/11/2025 11:45 AM

Received: 12/11/2025

Completed: 12/16/2025

Sample Size: 13.97 g;

Harvest Date: 12/03/2025

Manufacture Date:

External Lot ID#: Source Batch #: 43120325EG-F9OG

Production Method: Indoor

Client

High Grade Confidential

Lic. # 00000077DCPS00216601

2320 E. Baseline Rd,

Ste 490,

Phoenix, AZ, 85042

Qualifier Legend

- B1** *The target analyte detected in the calibration blank required or the method blank is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.*
- B2** *The target analyte detected in the calibration blank required or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, growth regulators, mycotoxins, heavy metals, or residual solvents, is below the maximum allowable concentration.*
- D1** *The limit of quantitation and the sample results were adjusted to reflect sample dilution.*
- I1** *The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance 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, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.*
- M1** *The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.*
- M2** *The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.*
- M3** *The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.*
- M4** *The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.*
- M5** *The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.*
- N1** *A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii)*
- Q1** *Sample integrity was not maintained.*
- Q2** *The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.*
- 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.*
- R1** *The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.*
- R2** *The relative percent difference between values obtained according to subsection N is more than 40%.*
- V1** *The recovery from initial or continuing calibration verification standards is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.*

Report Notes




Kevin Nolan
Laboratory Technical Director | 12/16/2025


Firas Haddad
Laboratory Manager | 12/16/2025

