Sample ID: 2405EAZ0038.0137

Strain: Larry OG

Matrix: Concentrates & Extracts

Type: Diamonds

Batch#: LAG042924EX

Collected: 05/22/2024 Received: 05/22/2024

Completed: 05/28/2024 06:10 PM

Sample Size: 10 g;

Harvest Date: 11/14/2023 Manufacture Date: 05/21/2024 Client

**Arizona Nectar Farms** 

Lic. # 00000126DCSO00060479 4116 E Superior Ave, Suite D,

Phoenix, AZ, 85040



#### **Summary**

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	05/23/2024	LC-UV VIS	Complete
Terpenes	05/22/2024	GC-MS	Complete
Pesticides	05/22/2024	LC-MS	Pass
Mycotoxins	05/23/2024	ELISA	Pass
Residual Solvents	05/22/2024	HS-GC-MS	Pass
Microbial Impurities	05/23/2024	3M Plating & qPCR	Pass
Heavy Metals	05/23/2024	ICP-MS	Pass

Cannabinoids

Method: SOPAZ\_M-CANNABINOIDS

77.883 %

Total THC

0.119 %

Total CBD

80.388 %

**Total Cannabinoids** 

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.784	82.540	825.40	
Δ9 THC	0.784	5.495	54.95 ■	
Δ8 ΤΗС	0.784	ND	ND	
THCVA	0.784	0.300	3.00 ▮	
THCV	0.784	ND	ND	
CBDA	0.784	0.136	1.36 ▮	
CBD	0.784	ND	ND	
CBN	0.784	ND	ND	
CBGA	0.784	1.327	13.27 ■	
CBG	0.784	0.433	4.33 ▮	
CBCA	0.784	0.602	6.02 ▮	
CBC	0.784	ND	ND	
Total THC		77.883	778.83	Q3
Total CBD		0.119	1.19	Q3
Total Cannabinoids		80.388	803.88	Q3
Sum of Cannabinoids		90.832	908.32	Q3

Total THC = THCa \* 0.877 +  $\Delta$ 9-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: SOP AZ\_M-MOISTURE



2 now

Kevin Nolan Laboratory Technical Director | 05/28/2024





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Terpenes

Method: SOPAZ\_M-TERPENES

Analytes	LOQ	Result	Result	Q
	mg/g	mg/g	%	
Linalool	0.198	8.862	0.886	Q3
δ-Limonene	0.198	6.684	0.668	Q3
β-Myrcene	0.198	6.396	0.640	<b>Q</b> 3
3-Caryophyllene	0.198	6.117	0.612	<b>Q</b> 3
x-Humulene	0.198	2.322	0.232	Q3
3-Pinene	0.198	2.201	0.220	Q3
α-Pinene	0.198	1.524	0.152	Q3
x-Bisabolol	0.992	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
trans-Nerolidol	0.238	0.656	0.066	Q3
Camphene	0.198	0.517	0.052 ■	Q3
Terpinolene	0.198	0.423	0.042 ■	Q3
Guaiol	0.992	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
Caryophyllene Oxide	0.992	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
Geraniol	0.992	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
rans-B-ocimene	0.198	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
y-Terpinene	0.198	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
x-Terpinene	0.198	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
5-3-Carene	0.198	ND	ND	Q3
o-Cymene	0.198	ND	ND	Q3
Eucalyptol	0.198	ND	ND	Q3
cis-B-ocimene	0.198	ND	ND	Q3
sopulegol	0.992	ND	ND	Q3
cis-Nerolidol	0.397	ND	ND	Q3
Total		35.703	3.570	03

Date Tested: 05/22/2024

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

#### **Primary Aromas**





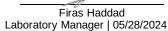








Kevin Nolan Laboratory Technical Director | 05/28/2024





Sample ID: 2405EAZ0038.0137

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Matrix: Concentrates & Extracts

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& Extracts Comple Sample

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**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	0.115	0.500	ND	Pass		Imazalil		0.095	0.200	ND	Pass	
Acephate	0.189	0.400	ND	Pass		Imidacloprid		0.189	0.400	ND	Pass	
Acetamiprid	0.095	0.200	ND	Pass		Kresoxim-methyl	l	0.189	0.400	ND	Pass	
Aldicarb	0.189	0.400	ND	Pass		Malathion		0.095	0.200	ND	Pass	
Azoxystrobin	0.095	0.200	ND	Pass		Metalaxyl		0.095	0.200	ND	Pass	
Bifenazate	0.095	0.200	ND	Pass		Methiocarb		0.095	0.200	ND	Pass	
Bifenthrin	0.047	0.200	ND	Pass		Methomyl		0.189	0.400	ND	Pass	
Boscalid	0.189	0.400	ND	Pass		Myclobutanil		0.095	0.200	ND	Pass	
Carbaryl	0.095	0.200	ND	Pass		Naled		0.237	0.500	ND	Pass	
Carbofuran	0.095	0.200	ND	Pass		Oxamyl		0.473	1.000	ND	Pass	
Chlorantraniliprole	0.095	0.200	ND	Pass		Paclobutrazol		0.189	0.400	ND	Pass	
Chlorpyrifos	0.047	0.200	ND	Pass		Permethrins		0.047	0.200	ND	Pass	
Clofentezine	0.095	0.200	ND	Pass		Phosmet		0.095	0.200	ND	Pass	
Cypermethrin	0.473	1.000	ND	Pass		Piperonyl Butoxic	de	0.473	2.000	ND	Pass	
Daminozide	0.473	1.000	ND	Pass		Prallethrin		0.095	0.200	ND	Pass	
Diazinon	0.095	0.200	ND	Pass		Propiconazole		0.189	0.400	ND	Pass	
Dichlorvos	0.047	0.100	ND	Pass		Propoxur		0.095	0.200	ND	Pass	
Dimethoate	0.095	0.200	ND	Pass		Pyrethrins		0.431	1.000	ND	Pass	
Ethoprophos	0.095	0.200	ND	Pass		Pyridaben		0.047	0.200	ND	Pass	
Etofenprox	0.095	0.400	ND	Pass		Spinosad		0.095	0.200	ND	Pass	
Etoxazole	0.095	0.200	ND	Pass		Spiromesifen		0.095	0.200	ND	Pass	
Fenoxycarb	0.095	0.200	ND	Pass		Spiroxamine		0.189	0.400	ND	Pass	
Fenpyroximate	0.189	0.400	ND	Pass		Tebuconazole		0.189	0.400	ND	Pass	
Fipronil	0.189	0.400	ND	Pass		Thiacloprid		0.095	0.200	ND	Pass	
Flonicamid	0.473	1.000	ND	Pass		Thiamethoxam		0.095	0.200	ND	Pass	
Fludioxonil	0.189	0.400	ND	Pass		Trifloxystrobin		0.095	0.200	ND	Pass	
Hexythiazox	0.237	1.000	ND	Pass		Chlorfenapyr		0.473	1.000	ND	Pass	
						Cyfluthrin		0.473	1.000	ND	Pass	

Date Tested: 05/22/2024

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

Mycotoxins

Method: SOPAZ M-MYCOTOXINS

Analytes	LOO	Limit	Result	Status O
Maytes				Otatus Q
	μg/kg	μg/kg	μg/kg	
Total Aflatoxins	9.28	20.00	ND	Pass
Ochratoxin A	9 28	20.00	ND	Pass

Date Tested: 05/23/2024

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Kevin Nolan Laboratory Technical Director | 05/28/2024



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Client

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**Residual Solvents** 

Method: SOPAZ M-RES SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Propane	221.24	1019.17	5000.00	ND	Pass	
Methanol	50.50	594.27	3000.00	ND	Pass	
Ethanol	101.28	1008.99	5000.00	ND	Pass	
Ethyl ether	95.05	995.00	5000.00	ND	Pass	
Acetone	17.80	196.20	1000.00	ND	Pass	
2-Propanol (IPA)	98.44	961.28	5000.00	ND	Pass	
Acetonitrile	22.89	90.35	410.00	ND	Pass	
Dichloromethane	10.00	120.46	600.00	ND	Pass	
Ethyl acetate	87.98	988.16	5000.00	ND	Pass	
Chloroform	1.47	12.18	60.00	ND	Pass	
Benzene	0.14	0.37	2.00	ND	Pass	R1
Isopropyl acetate	87.66	984.50	5000.00	ND	Pass	
Heptane	85.73	975.27	5000.00	ND	Pass	
Toluene	16.74	169.72	890.00	ND	Pass	
Butanes	573.39	943.21	5000.00	<loq< td=""><td>Pass</td><td></td></loq<>	Pass	
Hexanes	33.53	57.06	290.00	ND	Pass	
Pentanes	573.39	952.29	5000.00	ND	Pass	
Xylenes	499.40	821.42	2170.00	ND	Pass	

Date Tested: 05/22/2024

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Microbial Impurities Method: SOPAZ M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	0	< 100 CFU/a	Pass	

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: 05/23/2024



Kevin Nolan

Laboratory Technical Director | 05/28/2024



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Heavy Metals

Method: SOPAZ M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status Q
	ppm	ppm	ppm	ppm	
Arsenic	0.029	0.087	0.400	ND	Pass
Cadmium	0.031	0.087	0.400	ND	Pass
Mercury	0.023	0.065	0.200	ND	Pass
Lead	0.122	0.368	1.000	ND	Pass

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Kevin Nolan Laboratory Technical Director | 05/28/2024 Firas Haddad



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# **Qualifier Legend**

- The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of В1
- The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for **B2** pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating 11 interference.
- When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control L1 sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the
- The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria. M1
- **M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from М3 the laboratory control sample was within acceptance criteria.
- The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from **M4** the associated laboratory control sample was within acceptance criteria.
- The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed **M5**
- A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii). **M6**
- Q1 Sample integrity was not maintained.
- Q2 The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling Q3 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 for a sample and duplicate exceeded the limit.
- The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected V1 above the maximum allowable for the analytes in the sample.

# **Report Notes**



Kevin Nolan

Laboratory Technical Director | 05/28/2024

