

Sample ID: 2505EAZ0379.1736

Strain: Headband

Matrix: Concentrates & Extracts

Type: Diamonds Batch#: 52025-9

Collected: 05/20/2025 09:34 AM

Received: 05/20/2025 Completed: 05/22/2025

Sample Size: 73.52 g;

Harvest Date: 01/07/2025 Manufacture Date: 05/20/2025

External Lot ID#:

Production Method: CO2

Client SROAZ LLC

Lic. # 00000109ESVM44878444

125 S Rockford, Tempe, AZ, 85281



#### **Summary**

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	05/21/2025	LC-UV VIS	Complete
Pesticides	05/22/2025	LC-MS	Pass
Mycotoxins	05/21/2025	ELISA	Pass
Residual Solvents	05/22/2025	HS-GC-MS	Pass
Microbial Impurities	05/21/2025	3M Plating & qPCR	Pass
Heavy Metals	05/22/2025	ICP-MS	Pass

#### Cannabinoids

Method: SOPAZ\_M-CANNABINOIDS

91.813 %

**Total THC** 

ND

Total CBD

92.047 %

Total Cannabinoids Q3

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.800	>99	>999	
Δ9 ΤΗС	0.800	0.329	3.29 ▮	
Δ8 THC	0.800	ND	ND	
THCVA	0.800	0.267	2.67 ▮	
THCV	0.800	ND	ND	
CBDA	0.800	ND	ND	
CBD	0.800	ND	ND	
CBN	0.800	ND	ND	
CBGA	0.800	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBG	0.800	ND	ND	
CBCA	0.800	ND	ND	
CBC	0.800	ND	ND	
Total THC		91.813	918.13	
Total CBD		ND	ND	
Total Cannabinoids		92.047	920.47	Q3
Sum of Cannabinoids		>99	>999	Q3

Date Tested: 05/21/2025

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 | 05/22/2025







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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	0.118	0.500	ND	Pass		Imidacloprid		0.195	0.400	ND	Pass	
Acephate	0.195	0.400	ND	Pass		Kresoxim-methyl		0.195	0.400	ND	Pass	
Acetamiprid	0.097	0.200	ND	Pass		Malathion		0.097	0.200	ND	Pass	
Aldicarb	0.195	0.400	ND	Pass		Metalaxyl		0.097	0.200	ND	Pass	
Azoxystrobin	0.097	0.200	ND	Pass		Methiocarb		0.097	0.200	ND	Pass	
Bifenazate	0.097	0.200	ND	Pass		Methomyl		0.195	0.400	ND	Pass	
Bifenthrin	0.049	0.200	ND	Pass		Myclobutanil		0.097	0.200	ND	Pass	
Boscalid	0.195	0.400	ND	Pass		Naled		0.243	0.500	ND	Pass	
Carbaryl	0.097	0.200	ND	Pass	R1	Oxamyl		0.486	1.000	ND	Pass	
Carbofuran	0.097	0.200	ND	Pass		Paclobutrazol		0.195	0.400	ND	Pass	
Chlorantraniliprole	0.097	0.200	ND	Pass		Permethrins		0.049	0.200	ND	Pass	
Chlorpyrifos	0.049	0.200	ND	Pass		Phosmet		0.097	0.200	ND	Pass	
Clofentezine	0.097	0.200	ND	Pass		Piperonyl Butoxid	le	0.486	2.000	ND	Pass	
Cypermethrin	0.486	1.000	ND	Pass		Prallethrin		0.097	0.200	ND	Pass	
Daminozide	0.486	1.000	ND	Pass		Propiconazole		0.195	0.400	ND	Pass	
Diazinon	0.097	0.200	ND	Pass		Propoxur		0.097	0.200	ND	Pass	
Dichlorvos	0.049	0.100	ND	Pass		Pyrethrins		0.443	1.000	ND	Pass	
Dimethoate	0.097	0.200	ND	Pass		Pyridaben		0.049	0.200	ND	Pass	
Ethoprophos	0.097	0.200	ND	Pass		Spinosad		0.097	0.200	ND	Pass	
Etofenprox	0.097	0.400	ND	Pass		Spiromesifen		0.097	0.200	ND	Pass	
Etoxazole	0.097	0.200	ND	Pass		Spirotetramat		0.097	0.200	ND	Pass	
Fenoxycarb	0.097	0.200	ND	Pass		Spiroxamine		0.195	0.200	ND	Pass	
Fenpyroximate	0.195	0.400	ND	Pass		Tebuconazole		0.195	0.400	ND	Pass	
Fipronil	0.195	0.400	ND	Pass		Thiacloprid		0.097	0.200	ND	Pass	
Flonicamid	0.486	1.000	ND	Pass		Thiamethoxam		0.097	0.200	ND	Pass	
Fludioxonil	0.195	0.400	ND	Pass		Trifloxystrobin		0.097	0.200	ND	Pass	
Hexythiazox	0.243	1.000	ND	Pass		Chlorfenapyr		0.486	1.000	ND	Pass	V1
Imazalil	0.097	0.200	ND	Pass		Cyfluthrin		0.486	1.000	ND	Pass	

Date Tested: 05/22/2025

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

#### Mycotoxins

Method: SOPAZ\_M-MYCOTOXINS

Analytes	LOQ	Limit	Result	Status Q
	μg/kg	μg/kg	μg/kg	
Total Aflatoxins	9.77	20.00	ND	Pass
Ochratoxin A	9.77	20.00	ND	Pass

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Residual Solvents

Method: SOPAZ M-RES SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status Q
	ppm	ppm	ppm	ppm	·
Methanol	52.43	616.90	3000.00	ND	Pass
Ethanol	105.14	1047.43	5000.00	ND	Pass
Ethyl ether	98.67	1032.90	5000.00	ND	Pass
Acetone	18.48	203.68	1000.00	ND	Pass
2-Propanol (IPA)	102.19	997.90	5000.00	ND	Pass
Acetonitrile	23.76	93.79	410.00	ND	Pass
Dichloromethane	10.38	125.05	600.00	ND	Pass
Ethyl acetate	91.33	1025.81	5000.00	ND	Pass
Chloroform	1.52	12.65	60.00	ND	Pass
Benzene	0.14	0.38	2.00	ND	Pass
Isopropyl acetate	91.00	1022.00	5000.00	ND	Pass
Heptane	89.00	1012.43	5000.00	ND	Pass
Toluene	17.38	176.19	890.00	ND	Pass
Butanes	595.24	979.14	5000.00	ND	Pass
Hexanes	34.81	59.24	290.00	ND	Pass
Pentanes	595.24	988.57	5000.00	ND	Pass
Xylenes	518.43	852.71	2170.00	ND	Pass

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Microbial Impurities

Method: SOPAZ_M-ECOLI				
Analytes	Result	Limit	Status	Q
Escherichia coli	<10 CFU/g	100 CFU/g	Pass	
Date Tested: 05/21/2025		,		

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	

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**Heavy Metals** 

Method: SOPAZ M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status Q
-	ppm	ppm	ppm	ppm	
Arsenic	0.031	0.091	0.400	ND	Pass
Cadmium	0.032	0.091	0.400	ND	Pass
Mercury	0.024	0.068	0.200	ND	Pass
Lead	0.128	0.388	1.000	ND	Pass

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# **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.
- 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.
- The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- 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.
- 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.
- 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 for a sample and duplicate exceeded the limit.
- 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 | 05/22/2025

