Summary

# **Modified Rootbeer Live Hash Rosin**

Sample ID: 2509APO4365.21789 Strain: Modified Rootbeer Matrix: Concentrates & Extracts

Type: Live Rosin Source Batch #:

Collected: 10/01/2025 08:52 am Received: 10/01/2025 Completed: 10/06/2025

Harvest Date: 03/19/2025

Batch #: SNRTS-LHR-0930-MODRTB

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: SNRTS-LHR-0930-MODRTB Production/Manufacture Date: 09/30/2025 Production/Manufacture Method: Ice/Water



Summary		
Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/02/2025	Complete
Terpenes	10/03/2025	Complete
Residual Solvents	10/02/2025	Pass
Microbials	10/06/2025	Pass
Mycotoxins	10/02/2025	Pass
Pesticides	10/02/2025	Pass
Heavy Metals	10/01/2025	Pass

#### Cannabinoids by SOP-6

Complete

75.263	86%	0.1708%	88.5752%	8.4978%
Total T	НС	Total CBD	Total Cannabinoids (Q3)	Total Terpenes (Q3)
Analyte	LOD	LOQ Result	Result	

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
THCa		0.1000	84.4678	844.678
Δ9-ΤΗС		0.1000	1.1854	11.854
Δ8-ΤΗС		0.1000	ND	ND
THCV		0.1000	ND	ND
CBDa		0.1000	0.1948	1.948
CBD		0.1000	ND	ND
CBDVa		0.1000	ND	ND
CBDV		0.1000	ND	ND
CBN		0.1000	ND	ND
CBGa		0.1000	2.2782	22.782
CBG		0.1000	0.4490	4.490
CBC		0.1000	ND	ND
Total THC			75.2636	752.6367
Total CBD			0.1708	1.7084
Total			88.5752	885.7523

Date Tested: 10/02/2025 12:00 am



Anthony Settanni

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Lab Director

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Lot #: SNRTS-LHR-0930-MODRTB Production/Manufacture Date: 09/30/2025 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	ND		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	ND		Pass	Thiacloprid	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 10/02/2025 07:00 am



Stathany Setter

Anthony Settanni Lab Director 10/06/2025

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## **Modified Rootbeer Live Hash Rosin**

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Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: SNRTS-LHR-0930-MODRTB Production/Manufacture Date: 09/30/2025 Production/Manufacture Method: Ice/Water

Microbials	Pass
MICCODIAIS	FdSS

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

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		<u> </u>
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 10/06/2025 12:00 am

#### Mycotoxins by SOP-22

Pass

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: 10/02/2025 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: 10/01/2025 07:00 am



Arthung Setter Anthony Settanni Lab Director

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Harvest Date: 03/19/2025

Client

Io Extracts

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Lot #: SNRTS-LHR-0930-MODRTB Production/Manufacture Date: 09/30/2025 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: 10/02/2025 07:00 am



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#### **Terpenes**

Source Batch #:

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
D,L-Limonene	0.0010	2.9270	29.270	Q3	
β-Myrcene	0.0010	1.8713	18.713	Q3	
β-Caryophyllene	0.0010	0.8272	8.272	Q3	
Sabinene	0.0010	0.4846	4.846	Q3	
α-Humulene	0.0010	0.4563	4.563	Q3	
β-Pinene	0.0010	0.4283	4.283	Q3	
Endo-Fenchyl Alcohol	0.0010	0.2772	2.772	Q3	
Linalool	0.0010	0.2601	2.601	Q3	
α-Pinene	0.0010	0.2413	2.413	Q3	
α-Terpineol	0.0010	0.2243	2.243	Q3	
α-Bisabolol	0.0010	0.1379	1.379	Q3	
trans-Nerolidol	0.0010	0.0970	0.970	Q3	
cis-Farnesol	0.0010	0.0708	0.708	Q3	
Camphene	0.0010	0.0658	0.658	Q3	
Isoborneol	0.0010	0.0347	0.347	Q3	
Caryophyllene Oxide	0.0010	0.0286	0.286	Q3	
Octyl Acetate	0.0010	0.0231	0.231	Q3	
trans-beta-Ocimene	0.0010	0.0207	0.207	Q3	
Fenchone	0.0010	0.0113	0.113	Q3	
Geraniol	0.0010	0.0102	0.102	Q3	
3-Carene	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
D,L-Borneol	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	
cis-Nerolidol	0.0010	ND	ND	Q3	
Citronellol	0.0010	ND	ND	Q3	
Eucalyptol	0.0010	ND	ND	Q3	
y-Terpinene	0.0010	ND	ND	Q3	
Geranyl Acetate	0.0010	ND	ND	Q3	
Guaiol	0.0010	ND	ND	Q3	
Isobornyl Acetate	0.0010	ND	ND	Q3	
Isopulegol	0.0010	ND	ND	Q3	
m-Cymene	0.0010	ND	ND	Q3	
Menthol	0.0010	ND	ND	Q3	
L-Menthone	0.0010	ND	ND	Q3	
Nerol	0.0010	ND	ND	Q3	
Nootkatone	0.0010	ND	ND	Q3	
o,p-Cymene	0.0010	ND	ND	Q3	
Piperitone	0.0010	ND	ND	Q3	
Pulegone	0.0010	ND	ND	Q3	
Sabinene Hydrate	0.0010	ND	ND	Q3	
Terpinolene	0.0010	ND	ND	Q3	
Thymol	0.0010	ND	ND	Q3	
trans-Citral	0.0010	ND	ND	Q3	
Valencene	0.0010	ND	ND	Q3	
Total		8.4978	84.978		

## **Primary Aromas**













Date Tested: 10/03/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



Anthony Settanni

Lab Director 10/06/2025

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# **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:



Bryant Kearl Chief Scientific Officer 10/06/2025



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# **Customer Supplied Information:**

Sonoran Roots - Other Information

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Ponderosa Botanical Care Inc (Sonoran Roots) (00000109ESVM44878444)

Manufactured by: Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through: Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS00216601)

https://azcarecheck.azdhs.gov/s/





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