### **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin

Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB Harvest Date: 03/19/2025

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane



#### Summary Test Date Tested Result Batch **Pass** Cannabinoids 10/10/2025 Complete Terpenes 10/13/2025 Complete Residual Solvents 10/10/2025 **Pass** Microbials 10/13/2025 **Pass** Mycotoxins 10/10/2025 Pass **Pesticides** 10/10/2025 Pass Heavy Metals 10/13/2025 Pass

#### Cannabinoids by SOP-6

Complete

76.49	978%	0.1153%	3	32.0475 %	4.3376%	
Total	THC	Total CBD	Total	Cannabinoids (Q3)	Total Terpenes	(Q3)
Analyte	LOD	LOO	Result Resul	lt		(

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
THCa		0.1000	15.4748	154.748
Δ9-THC		0.1000	62.9265	629.265
Δ8-ΤΗС		0.1000	ND	ND
THCV		0.1000	0.3330	3.330
CBDa		0.1000	0.1315	1.315
CBD		0.1000	ND	ND
CBDVa		0.1000	ND	ND
CBDV		0.1000	ND	ND
CBN		0.1000	0.3116	3.116
CBGa		0.1000	1.9638	19.638
CBG		0.1000	0.6696	6.696
CBC		0.1000	0.2367	2.367
Total THC			76.4978	764.9786
Total CBD			0.1153	1.1533
Total			82.0475	820.4753

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



Anthony Settanni Lab Director

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# **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB

Harvest Date: 03/19/2025

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

#### 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: 10/10/2025 07:00 am



Stathamy Section Anthony Settanni Lab Director

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# **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB Harvest Date: 03/19/2025

Client Io Extracts

Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

N. 41	D.
Microbials	Pass

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: 10/13/2025 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: 10/10/2025 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: 10/13/2025 07:00 am



Anthony Settro Anthony Settanni Lab Director 10/14/2025

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# **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB

Harvest Date: 03/19/2025

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

#### 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: 10/10/2025 07:00 am



Arthony Sextre Anthony Settanni Lab Director

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# **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB

Harvest Date: 03/19/2025

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB

Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

#### **Terpenes**

Source Batch #:

Analyte	LOQ	Result	Result	Q	Analyte	LOQ	Result	Result	Q	
	%	%	mg/g			%	%	mg/g		
D,L-Limonene	0.0010	1.7282	17.282	Q3	Citronellol	0.0010	ND	ND	Q3	
β-Myrcene	0.0010	1.0178	10.178	Q3	Eucalyptol	0.0010	ND	ND	Q3	
α-Humulene	0.0010	0.3704	3.704	Q3	γ-Terpinene	0.0010	ND	ND	Q3	
Linalool	0.0010	0.2781	2.781	Q3	Geranyl Ace	tate 0.0010	ND	ND	Q3	
α-Terpineol	0.0010	0.2131	2.131	Q3	Guaiol	0.0010	ND	ND	Q3	
Endo-Fenchyl Alcohol	0.0010	0.2089	2.089	Q3	Isoborneol	0.0010	ND	ND	Q3	
β-Pinene	0.0010	0.1877	1.877	Q3	Isobornyl Ad	cetate 0.0010	ND	ND	Q3	
α-Pinene	0.0010	0.1152	1.152	Q3	Isopulegol	0.0010	ND	ND	Q3	
Caryophyllene Oxide	0.0010	0.0568	0.568	Q3	m-Cymene	0.0010	ND	ND	Q3	
D,L-Borneol	0.0010	0.0422	0.422	Q3	Menthol	0.0010	ND	ND	Q3	
Camphene	0.0010	0.0324	0.324	Q3	L-Menthone	0.0010	ND	ND	Q3	
β-Caryophyllene	0.0010	0.0308	0.308	Q3	Nerol	0.0010	ND	ND	Q3	
Terpinolene	0.0010	0.0244	0.244	Q3	Nootkatone	0.0010	ND	ND	Q3	
Geraniol	0.0010	0.0118	0.118	Q3	o,p-Cymene	0.0010	ND	ND	Q3	
trans-beta-Ocimene	0.0010	0.0099	0.099	Q3	Octyl Aceta	te 0.0010	ND	ND	Q3	
Fenchone	0.0010	0.0098	0.098	Q3	Phytane	0.0010	ND	ND	Q3	
3-Carene	0.0010	ND	ND	Q3	Piperitone	0.0010	ND	ND	Q3	
α-Bisabolol	0.0010	ND	ND	Q3	Pulegone	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	Sabinene	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	Sabinene Hy	/drate 0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	Terpinen-4-	ol 0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	Thymol	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	trans-Citral	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	trans-Nerol	idol 0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	Valencene	0.0010	ND	ND	Q3	
cis-Nerolidol	0.0010	ND	ND	Q3	Total		4.3376	43.376		

#### **Primary Aromas**









Lavender





Date Tested: 10/13/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



thethomy Section Anthony Settanni

Lab Director 10/14/2025

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# **Modified Rootbeer Liquid Live Resin**

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB Harvest Date: 03/19/2025

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

# **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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#### Modified Rootbeer Liquid Live Resin

Sample ID: 2510APO4514.22495 Strain: Modified Rootbeer Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 10/09/2025 04:30 pm Received: 10/09/2025 Completed: 10/14/2025 Batch #: SNRTS-1009-LLR-MRTB Harvest Date: 03/19/2025

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: SNRTS-1009-LLR-MRTB Production/Manufacture Date: 10/09/2025 Production/Manufacture Method: Butane

# **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/





Brvant Kearl Chief Scientific Officer 10/14/2025

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