Apollo Labs
17301 North Perimeter Drive
Scottsdale, AZ 85255

(602) 767-7600
http://www.apollolabscorp.com
Lic# 00000013LCRK62049775

Southwest Sangria

Sample ID: 2411APO4810.22100
Strain: Southwest Sangria
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Source Batch #: LD1000

Produced:
Collected: 11/04/2024 12:56 pm
Received: 11/04/2024
Completed: 11/07/2024
Batch #: LDSS01
Harvest Date: 09/19/2024

Client
Ponderosa Botanical Care
Lic. # 0000154ESTQI31348041

Lot #:
Production/Manufacture Date: 11/01/2024
Production/Manufacture Method: Butane

Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/05/2024	Complete
Microbials	11/07/2024	Pass

Cannabinoids by SOP-6

Complete

89.1192%	0.1982%	94.2444% (Q3)	NT (Q3)
Total THC	Total CBD	Total Cannabinoids	Total Terpenes

Analyte	LOD %	LOQ %	Result %	Result mg/g	Q
THCa		0.1000	ND	ND	
Δ9-THC		0.1000	89.1192	891.192	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	0.8918	8.918	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.1982	1.982	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.8267	8.267	
CBGa		0.1000	ND	ND	
CBG		0.1000	2.4604	24.604	
CBC		0.1000	0.7482	7.482	
Total THC			**89.1192**	**891.1920**	
Total CBD			**0.1982**	**1.9820**	
Total			**94.2444**	**942.444**	

Date Tested: 11/05/2024 07:00 am

Bryant Kearl
Lab Director
11/07/2024

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Lot #:
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Production/Manufacture Method: Butane

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		
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 11/07/2024 12:00 am

Mycotoxins by SOP-22

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q

Date Tested:

Heavy Metals by SOP-21

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q

Date Tested:

Bryant Kearl
Lab Director
11/07/2024

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Lot #:
Production/Manufacture Date: 11/01/2024
Production/Manufacture Method: Butane

Qualifiers Definitions

Qualifier Notation	Qualifier Description
I1	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
M3	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

Customer Supplied Information:

Notes and Addenda:

Bryant Kearl
Lab Director
11/07/2024

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Lot #:
Production/Manufacture Date: 10/28/2024
Production/Manufacture Method: Butane

Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/05/2024	Complete
Residual Solvents	11/05/2024	Pass
Microbials	11/07/2024	Pass
Mycotoxins	11/06/2024	Pass
Pesticides	11/06/2024	Pass
Heavy Metals	11/05/2024	Pass

Cannabinoids by SOP-6

Complete

91.9035%	0.1788%	97.0381% (Q3)	NT (Q3)
Total THC	Total CBD	Total Cannabinoids	Total Terpenes

Analyte	LOD %	LOQ %	Result %	Result mg/g	Q
THCa		0.1000	ND	ND	
Δ9-THC		0.1000	91.9035	919.035	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	0.8253	8.253	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.1788	1.788	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.8724	8.724	
CBGa		0.1000	ND	ND	
CBG		0.1000	2.4865	24.865	
CBC		0.1000	0.7716	7.716	
Total THC			**91.9035**	**919.0350**	
Total CBD			**0.1788**	**1.7880**	
Total			**97.0381**	**970.381**	

Date Tested: 11/05/2024 07:00 am

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Lab Director
11/07/2024

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Production/Manufacture Method: Butane

Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass
Daminozide	0.5000	1.0000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass

Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM		
Hexythiazox	0.5000	1.0000	ND		Pass
Imazalil	0.1000	0.2000	ND		Pass
Imidacloprid	0.2000	0.4000	ND		Pass
Kresoxim Methyl	0.2000	0.4000	ND		Pass
Malathion	0.1000	0.2000	ND		Pass
Metalaxyl	0.1000	0.2000	ND		Pass
Methiocarb	0.1000	0.2000	ND		Pass
Methomyl	0.2000	0.4000	ND		Pass
Myclobutanil	0.1000	0.2000	ND		Pass
Naled	0.2500	0.5000	ND		Pass
Oxamyl	0.5000	1.0000	ND		Pass
Paclobutrazol	0.2000	0.4000	ND		Pass
Permethrins	0.1000	0.2000	ND		Pass
Phosmet	0.1000	0.2000	ND		Pass
Piperonyl Butoxide	1.0000	2.0000	ND		Pass
Prallethrin	0.1000	0.2000	ND		Pass
Propiconazole	0.2000	0.4000	ND		Pass
Propoxur	0.1000	0.2000	ND		Pass
Pyrethrins	0.5000	1.0000	ND		Pass
Pyridaben	0.1000	0.2000	ND		Pass
Spinosad	0.1000	0.2000	ND		Pass
Spiromesifen	0.1000	0.2000	ND		Pass
Spirotetramat	0.1000	0.2000	ND		Pass
Spiroxamine	0.2000	0.4000	ND		Pass
Tebuconazole	0.2000	0.4000	ND		Pass
Thiacloprid	0.1000	0.2000	ND		Pass
Thiamethoxam	0.1000	0.2000	ND		Pass
Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 11/06/2024 07:00 am

Bryant Kearl
Lab Director
11/07/2024

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Production/Manufacture Date: 10/28/2024
Production/Manufacture Method: Butane

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		
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 11/07/2024 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: 11/06/2024 07:00 am

Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.0660	0.1330	0.4000	ND	Pass	
Cadmium	0.0660	0.1330	0.4000	ND	Pass	
Lead	0.1660	0.3330	1.0000	ND	Pass	
Mercury	0.0330	0.0660	0.2000	ND	Pass	

Date Tested: 11/05/2024 07:00 am

Bryant Kearl
Lab Director
11/07/2024

confident

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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	

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Terpenes

Analyte	LOQ	Result	Result	Q	Analyte	LOQ	Result	Result	Q

Primary Aromas

Date Tested:

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M3	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
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