



Tested By

ANALYTICAL 360

Cannabis Analysis Laboratory

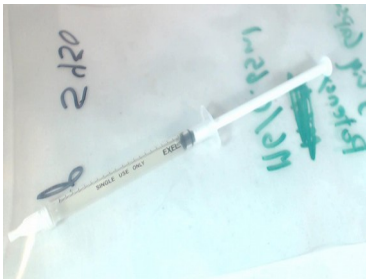
Certificate of Analysis

02:133A

Lazarus Naturals

Test Result UID: ANL0005450
 Washington State Lot ID:
 Washington State Sample ID:
 Date Tested: 12/12/2017
 Serving Size: mg/.65ml = 0.6233 g

Photographs



Summary

Potency:	THC Total: < 0.01 mg/g < 0.01 mg/srv	CBD Total: 341.81 mg/g 213.05 mg/srv
Terpene Total:	Not Tested Not Tested	
Microbial:	Not Tested	
Pesticides:	Not Tested	
Heavy Metals:	Not Tested	
Water Activity:	Not Tested	

Mycotoxins

Aflatoxins Total:	Not Tested	Not Tested	Not Tested
Ochratoxin A Total:	Not Tested	Not Tested	



Certificate of Analysis

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Lazarus Naturals

Test Result UID: ANL0005450
 Washington State Lot ID:
 Washington State Sample ID:
 Date Tested: 12/12/2017
 Serving Size: mg/.65ml = 0.6233 g

Potency Profile

CBG-A	< 0.01 mg/g	< 0.01 mg/srv
CBG	< 0.01 mg/g	< 0.01 mg/srv
CBG TOTAL (CBG-A * 0.878 + CBG) ¹	< 0.01 mg/g	< 0.01 mg/srv
Δ9-THC-A	< 0.01 mg/g	< 0.01 mg/srv
Δ9-THC	< 0.01 mg/g	< 0.01 mg/srv
Δ9-THCV	< 0.01 mg/g	< 0.01 mg/srv
Δ8-THC	< 0.01 mg/g	< 0.01 mg/srv
CBN	< 0.01 mg/g	< 0.01 mg/srv
THC-TOTAL (THC-A * 0.877 + THC) ¹	< 0.01 mg/g	< 0.01 mg/srv
CBD-A	< 0.01 mg/g	< 0.01 mg/srv
CBD	341.81 mg/g	213.05 mg/srv
CBDV-A	< 0.01 mg/g	< 0.01 mg/srv
CBDV	< 0.01 mg/g	< 0.01 mg/srv
CBD-TOTAL (CBD-A * 0.877 + CBD) ¹	341.81 mg/g	213.05 mg/srv
CBC	< 0.01 mg/g	< 0.01 mg/srv
ACTIVATED-TOTAL (Δ9THC + 9-THCV + Δ8THC + CBN + CBD + CBDV + CBG + CBC) ²	341.81 mg/g	213.05 mg/srv
TOTAL DETECTED CANNABINOIDS (CBDV TOTAL + THC TOTAL + CBD TOTAL + CBG TOTAL + D8THC + CBN + CBC + THCV)	341.81 mg/g	213.05 mg/srv

1 - Cannabinoid totals are adjusted to account for the decarboxylation of the cannabinoid acids. The reported total is the amount of the activated cannabinoid that would be if all of the carboxylic acid has been removed through decarboxylation.

2 - Cannabinoids that have been activated through decarboxylation (curing/storage of flowers, or heating/cooking of edibles, tinctures, & concentrates)



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Test Result UID: ANL0005450
Washington State Lot ID:
Washington State Sample ID:
Date Tested: 12/12/2017
Serving Size: mg/.65ml = 0.6233 g

Analytical 360, LLC certifies that the results presented on the previous 3 pages are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Approved by: Dr. Paul Mathews

UBI: 603120434
Lab: 0004

Labtech Notes

- None



IEH Analytical Laboratories

3927 Aurora Ave. N., Seattle, WA 98103 | (206) 632-2715

METALS REPORT

Results of Analysis by Mod. EPA Method 6020A

Measurement of Metals in Solids by ICP/MS

Company: Lazarus Naturals

Date Received: 6/22/2017

Date Analyzed: 7/3/2017

Date of Report: 7/7/2017

Matrix: Plant Matter / Isolate

Analyst: RM

Supervisor's Initials: MK

Case File No:	Sample ID	Sample Weight (g)	Final Vol. (mL)	Dilution	RL (mg/kg)	Arsenic (mg/kg)	Cadmium (mg/kg)	Mercury (mg/kg)	Lead (mg/kg)
MIS04794A1	14	0.52	50	1	0.10	< 0.10	< 0.10	< 0.10	< 0.10
MIS04794A2	14	0.53	50	1	0.10	< 0.10	< 0.10	< 0.10	< 0.10

RL: Reporting Limit

Results relate only to the submitted sample. IEH Analytical Laboratories makes no claim about the other portions of this commodity/lot.

Sample Name: 14

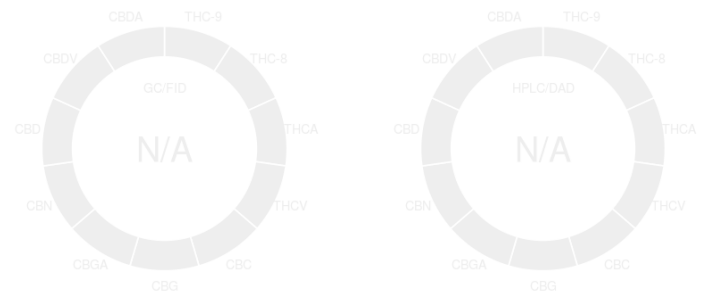
Client: cyclingfrogcali
 Sample Type: Crystals
 Strain: Unknown

Submitted: March 29, 2017
 Tested: March 29, 2017
 Submitted for: Chemres,

Cannabinoid Profiling

Analysis of major cannabinoids by advanced chromatography. [GC: SOP-010; HPLC: SOP-014]

	HPLC		GC	
	Percent	mg/g	Percent	mg/g
d9-THC	NA	NA	NA	NA
d8-THC	NA	NA	NA	NA
THCA	NA	NA	NA	NA
THCV	NA	NA	NA	NA
CBC	NA	NA	NA	NA
CBG	NA	NA	NA	NA
CBGA	NA	NA	NA	NA
CBN	NA	NA	NA	NA
CBD	NA	NA	NA	NA
CBDV	NA	NA	NA	NA
CBDA	NA	NA	NA	NA
Total	NA	NA	NA	NA



Microbiological Screening

Petrifilm screening for microbiological contamination. [SOP-009]

	Count	Client Limit**	Status***
APC	NA		
Yeast & Mold	NA		
Coliform	NA		
E coli	NA		
Pseudomonas	NA		
Salmonella	NA		

*TNTC = Too Numerous To Count
 **Client Limit = The limit is self-selected and will be replaced by official CA state limits when they become available.
 ***Pass/Fail based on client limit selected.

Terpene Profiling

Analysis of terpenes. [SOP-012]

PPM		PPM		PPM	
b-Myrcene	NA	Sabinene	NA	Elemene	NA
Nerol	NA	b-Pinene	NA	Phellandrene	NA
Nerolidol	NA	Camphene	NA	Isopulegol	NA
Ocimene	NA	Eucalyptol	NA	Linalool	NA
a-Bisbolol	NA	(-)-Fenchone	NA	(+)-Fenchone	NA
Farnasene	NA	Fenchol	NA	a-Caryophyllene	NA
Valencene	NA	Camphor	NA	Guaiol	NA
d3-Carene	NA	Borneol	NA	Bergamotene	NA
d-Limonene	NA	Pulegone	NA	Terpineol	NA
g-Terpinene	NA	Cedrol	NA	Terpinolene	NA
a-Pinene	NA	b-Caryophyllene	NA	a-Terpinene	NA
Total Terpenes		0.0 PPM			

*ND = Not Detected

Residual Solvent Analysis

Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	NA	400	Isopentane	NA	400
Benzene	NA	400	Isopropanol	NA	400
Chloroform	NA	400	Methanol	NA	400
Ethanol	NA	400	nButane	NA	400
Heptane	NA	400	Pentane	NA	400
Hexane	NA	400	Propane	NA	400
Isobutane	NA	400	Toluene	NA	400

*ND = Not Detected
 **Client Limit is self-selected and will be replaced by official CA State limits when they become available



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

Robert W Martin
 Robert W Martin, PhD

Sample Name: 14

Client: cyclingfrogcali
 Sample Type: Crystals
 Strain: Unknown

Submitted: March 29, 2017
 Tested: March 29, 2017
 Submitted for: Chemres,

Chemical Residue Screening

Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin	ND*	100	Pass	Imidacloprid	ND*	100	Pass
Azoxystrobin	ND*	100	Pass	Malathion	ND*	100	Pass
Bifenazate	ND*	100	Pass	Metalaxyl	ND*	100	Pass
Bifenthrin	ND*	100	Pass	Myclobutanil	ND*	100	Pass
Boscalid	ND*	100	Pass	Paclobutrazol	ND*	100	Pass
Carbaryl	ND*	100	Pass	Permethrin	ND*	100	Pass
Dichlorvos	ND*	100	Pass	Spiromesifen	ND*	100	Pass
Etoxazole	ND*	100	Pass	Spirotetramat	ND*	100	Pass
Fenoxycarb	ND*	100	Pass	Tebuconazole	ND*	100	Pass
Imazalil	ND*	100	Pass	Trifloxystrobin	ND*	100	Pass

Sum of Chem. Residues 0 PPB

*ND = Not Detected
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 ***Pass/Fail based on client limit selected.





IEH Analytical Laboratories

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METALS REPORT

Results of Analysis by Mod. EPA Method 6020A

Measurement of Metals in Solids by ICP/MS

Company: Lazarus Naturals

Date Received: 4/11/2017

Matrix: Concentrate

Date Analyzed: 4/12/2017

Analyst: CC

Date of Report: 4/19/2017

Supervisor's Initials: MK

Case File No:	Sample ID	Sample Weight (g)	Final Vol. (mL)	Dilution	RL (mg/kg)	Arsenic (mg/kg)	Cadmium (mg/kg)	Mercury (mg/kg)	Lead (mg/kg)
MIS04654A1	13	0.55	50	1	0.10	< 0.10	< 0.10	< 0.10	< 0.10
MIS04654A2	13	0.53	50	1	0.10	< 0.10	< 0.10	< 0.10	< 0.10

RL: Reporting Limit

Results relate only to the submitted sample. IEH Analytical Laboratories makes no claim about the other portions of this commodity/lot.

Sample Name: 13

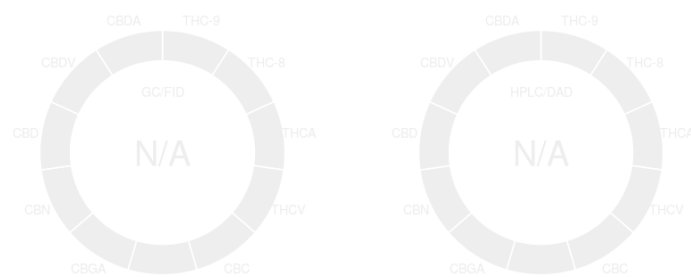
Client: cyclingfrogcali
 Sample Type: Oil Strain:
 Unknown

Submitted: March 13, 2017
 Tested: March 13, 2017
 Expires: June 11, 2017
 Submitted for: Chemres,

Cannabinoid Profiling

Analysis of major cannabinoids by advanced chromatography. [GC: SOP-010; HPLC: SOP-014]

	GC		HPLC	
	Percent	mg/g	Percent	mg/g
d9-THC	NA	NA	NA	NA
d8-THC	NA	NA	NA	NA
THCA	NA	NA	NA	NA
THCV	NA	NA	NA	NA
CBC	NA	NA	NA	NA
CBG	NA	NA	NA	NA
CBGA	NA	NA	NA	NA
CBN	NA	NA	NA	NA
CBD	NA	NA	NA	NA
CBDV	NA	NA	NA	NA
CBDA	NA	NA	NA	NA
Total	NA	NA	NA	NA



Microbiological Screening

Petrifilm screening for microbiological contamination. [SOP-009]

	Count	Client Limit**	Status***
APC	NA		
Yeast & Mold	NA		
Coliform	NA		
E coli	NA		
Pseudomonas	NA		
Salmonella	NA		

*TNTC = Too Numerous To Count
 **Client Limit = The limit is self-selected and will be replaced by official CA state limits when they become available.
 ***Pass/Fail based on client limit selected.

Terpene Profiling

Analysis of terpenes. [SOP-012]

PPM		PPM		PPM	
b-Myrcene	NA	Sabinene	NA	Elemene	NA
Nerol	NA	b-Pinene	NA	Phellandrene	NA
Nerolidol	NA	Camphene	NA	Isopulegol	NA
Ocimene	NA	Eucalyptol	NA	Linalool	NA
a-Bisbolol	NA	(-)-Fenchone	NA	(+)-Fenchone	NA
Farnasene	NA	Fenchol	NA	a-Caryophyllene	NA
Valencene	NA	Camphor	NA	Guaiol	NA
d3-Carene	NA	Borneol	NA	Bergamotene	NA
d-Limonene	NA	Pulegone	NA	Terpineol	NA
g-Terpinene	NA	Cedrol	NA	Terpinolene	NA
a-Pinene	NA	b-Caryophyllene	NA	a-Terpinene	NA
Total Terpenes		0.0 PPM			

*ND = Not Detected

Residual Solvent Analysis

Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	NA	400	Isopentane	NA	400
Benzene	NA	400	Isopropanol	NA	400
Chloroform	NA	400	Methanol	NA	400
Ethanol	NA	400	nButane	NA	400
Heptane	NA	400	Pentane	NA	400
Hexane	NA	400	Propane	NA	400
Isobutane	NA	400	Toluene	NA	400

*ND = Not Detected
 **Client Limit is self-selected and will be replaced by official CA State limits when they become available

CW uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgement. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

Robert W Martin, PhD
 Robert W Martin, PhD

Sample Name: 13

Client: cyclingfrogcali

Sample Type: Oil Strain:

Unknown

Submitted: March 13, 2017

Tested: March 13, 2017

Expires: June 11, 2017

Submitted for: Chemres,

Chemical Residue Screening

Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin	ND*	100	Pass	Imidacloprid	ND*	100	Pass
Azoxystrobin	ND*	100	Pass	Malathion	ND*	100	Pass
Bifenazate	ND*	100	Pass	Metalaxyl	ND*	100	Pass
Bifenthrin	ND*	100	Pass	Myclobutanil	ND*	100	Pass
Boscalid	ND*	100	Pass	Paclobutrazol	ND*	100	Pass
Carbaryl	ND*	100	Pass	Permethrin	ND*	100	Pass
Dichlorvos	ND*	100	Pass	Spiromesifen	ND*	100	Pass
Etoazole	ND*	100	Pass	Spirotetramat	ND*	100	Pass
Fenoxycarb	ND*	100	Pass	Tebuconazole	ND*	100	Pass
Imazalil	ND*	100	Pass	Trifloxystrobin	ND*	100	Pass

Sum of Residual Solvents 0.0 PPB**Status***: Pass (Client Limit: 100 PPB)**

*ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available

***Pass/Fail based on client limit selected.

