



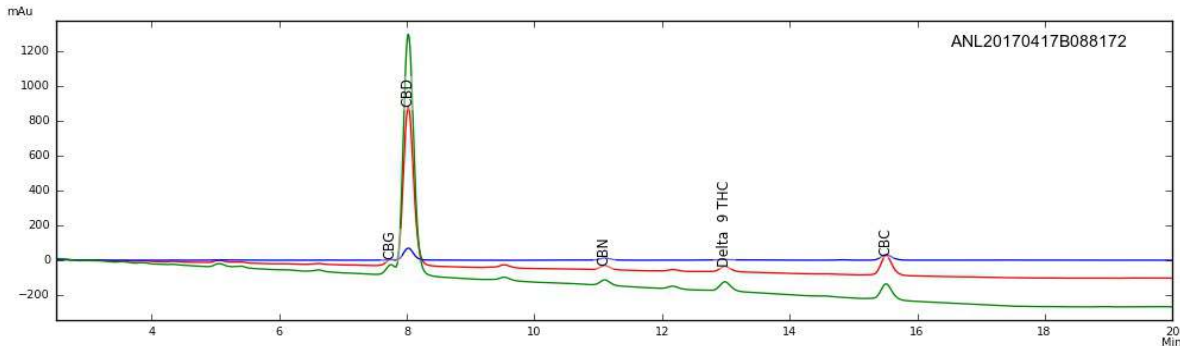
# Certificate of Analysis

Sample: NB 01:126 HP Tincture  
Date Tested: 4/17/2017  
Test Result UID: ANL20170417B088172 <http://anl360.co/m/687085>  
WSLCB Tracking:

Photographs



## HPLC Chromatogram



Serving Size: 1mL = 0.92 g

## Cannabinoid Potency

< 0.01 mg delta-9 THC acid	< 0.01 mg CBD-Acid
2.24 mg delta-9 THC <sup>†</sup>	51.30 mg CBD
0.64 mg CBN	51.30 mg CBD-Total
1.82 mg CBG	3.31 mg CBC
2.24 mg Total THC (THC-A x (0.877) + THC)*	
59.31 mg Total Detected Cannabinoids (Total THC + Total CBD + CBN + CBG + CBC)	

\* Total THC & CBD = content adjusted to account for the change in mass due to decarboxylation

† WSLCB Requirements limit each serving of an edible to 10mg delta-9 THC



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 WSLCB Tracking:

Foreign matter inspection: 0 % PASS

### Microbial screen:

Total aerobic plate count	420 CFUs/gram	PASS
Total yeast and mold count	2,090 CFUs/gram	PASS
Bile-tolerant gram negative bacteria count	<25 CFUs/gram	PASS
Coliforms	<25 CFUs/gram	PASS
E. coli	ND	PASS
Salmonella spp.	ND	PASS

#### \*Limits

ND= not detected

#### Microbial

Not to exceed 100,000 Total aerobic plate count, 10,000 Total yeast and mold count, 1,000 bile-tolerant gram negative bacteria, 1,000 coliforms, and *E coli* and *Salmonella* not detected in one gram

Approved by: Dr. Paul Matthews



# Certificate of Analysis

Sample: NB 01:126 HP Tincture

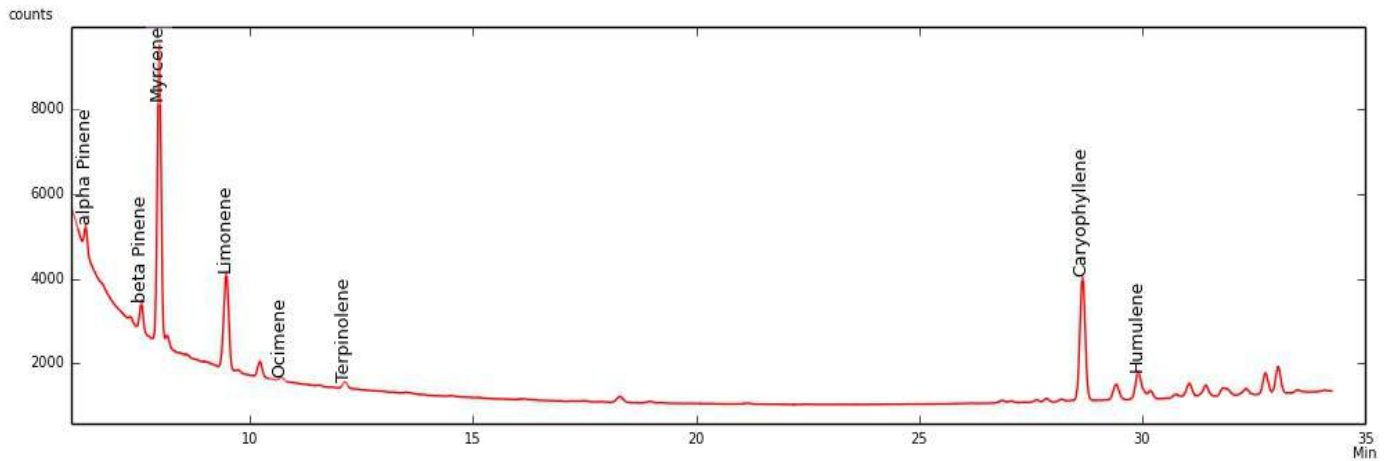
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Test Result UID: ANL20170417B088172

<http://anl360.co/m/687085>

WSLCB Tracking:

## GC-FID Chromatogram



	mg/g	%
α-Pinene	0.000	0.000
β-Pinene	0.000	0.000
Myrcene	0.556	0.056
Limonene	0.200	0.020
Ocimene*	0.000	0.000
Terpinolene	0.000	0.000
Linalool	0.000	0.000
Caryophyllene	1.693	0.169
Humulene	0.582	0.058
Total detected	3.031	0.303

\*compound concentration based on beta Pinene  
Detection limit of 0.05 mg/g

Approved by: Dr. Lara M Taubner



# 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:** 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	02	0.55	50	1	0.10	< 0.10	< 0.10	< 0.10	< 0.10
MIS04654A2	02	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: 02**

Client: cyclingfrogcali

Sample Type: Shake

Strain: Unknown

Submitted: April 17, 2017

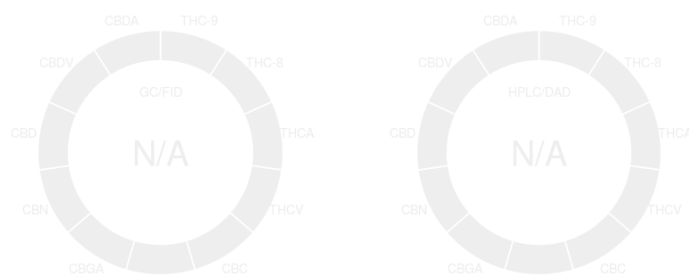
Tested: April 17, 2017

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
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>



**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
<b>Total Terpenes</b>		<b>0.0 PPM</b>			

\*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: 02

Client: cyclingfrogcali

Sample Type: Shake

Strain: Unknown

Submitted: April 17, 2017

Tested: April 17, 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 Chem. Residues 0 PPB**

\*ND = Not Detected

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

