



Certificate of Analysis

| | |
|---------------------------------|----------------------------------|
| CLIENT: Lazarus Naturals | SAMPLE: TBTN @AL64-14 (A) |
| Attn.: | Laboratory ID: 190102-002 |
| Address: | Type: Tincture |
| | Inventory ID: - |
| | Batch ID: - |
| | Received on: 01.02.2019 |
| | Reported on: 01.03.2019 |

Cannabinoids method and instrument: UFLC-PDA

| Cannabinoids | | mg/mL | mg/Unit |
|---|------------------|--------------|--------------|
| Cannabidiol | CBDV | ND | ND |
| Tetrahydrocannabivarin | THCV | ND | ND |
| Cannabidiol | CBD | 50.16 | 50.16 |
| Cannabigerol | CBG | ND | ND |
| Cannabidiolic Acid | CBDA | ND | ND |
| Cannabigerol Acid | CBGA | ND | ND |
| Cannabinol | CBN | ND | ND |
| delta-9-Tetrahydrocannabinol | THC | ND | ND |
| delta-8-Tetrahydrocannabinol | Δ8-THC | ND | ND |
| Cannabichromene | CBC | ND | ND |
| Tetrahydrocannabinolic Acid | THCA | ND | ND |
| Total CBX = CBX + (CBXA x 0.877) | Total THC | ND | ND |
| | Total CBD | 50.16 | 50.16 |

Unit Volume (mL): 1.0

| Micro & Mycotoxin | Result | Unit | State Limit | Retest Limit |
|-------------------|--------|-------|-------------|--------------|
| Not Reported | NR | CFU/g | NA | NA |

| Heavy Metals | Concentration | Unit | AL Inhalable / Other |
|--------------|---------------|-------|----------------------|
| Not Reported | NR | ug/5g | NA |

| Residual Solvents | Concentration | Unit | Class | State Limit |
|-------------------|---------------|------|-------|-------------|
| Not Reported | NR | PPM | NA | NA |

| Pesticides | Concentration | Unit | State Limit |
|--------------|---------------|------|-------------|
| Not Reported | NR | PPM | NA |

| Terpenes | Unit (mg/g) | Unit (mg/g) |
|--------------|-------------|-------------|
| Not Reported | NR | NR |

NR = Not Reported
 ND = Not Detected
 DET = Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantification
 % m/m = Percent by Mass
 % Mw = Percent Moisture, wet basis
 CFU/g = Colony Forming Units per gram
 TNTC = Too numerous to count



Authorized Signature:

Kyle Shelton



*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Measurement uncertainties available upon request. Reporting limits available upon request. Results are valid for 6 months from date reported, unless otherwise indicated.



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

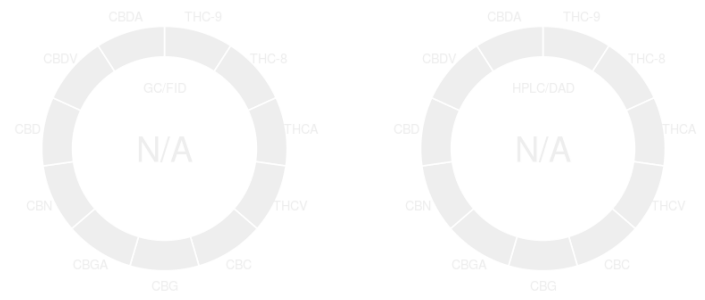
Client: cyclingfrogcali
 Sample Type: Crystals
 Strain: Unknown

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, PhD
 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

**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.

