



Certificate of Analysis

CLIENT: Lazarus Naturals	SAMPLE:	HPTN 10:07
Attn.:	Laboratory ID:	181102-021
Address:	Type:	Tincture
	Inventory ID:	-
	Batch ID:	-
	Received on:	11.02.2018
	Reported on:	11.02.2018

Cannabinoids method and instrument: UFLC-PDA

Cannabinoids		mg/mL	mg/Unit
Cannabidiol	CBDV	ND	ND
Tetrahydrocannabivarin	THCV	ND	ND
Cannabidiol	CBD	51.96	51.96
Cannabigerol	CBG	2.40	2.40
Cannabidiolic Acid	CBDA	ND	ND
Cannabigerol Acid	CBGA	0.67	0.67
Cannabinol	CBN	ND	ND
delta-9-Tetrahydrocannabinol	THC	2.51	2.51
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	2.51	2.51
	Total CBD	51.96	51.96

Unit Volume (mL): 1.0

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

Heavy Metals	Concentration	Unit	State Limit
Not Reported	NR	PPM	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: 4/16/2018

Date Analyzed: 4/19/2018

Date of Report: 4/23/2018

Matrix: Extract

Analyst: KW

Supervisor's Initials: RM

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)
MIS05158A1	07	0.54	50	1	0.01	0.02	0.02	< 0.01	0.07

RL: Reporting Limit

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

Analytical Test Report

07

Lazarus Naturals

Laboratory ID: 1804090-02

Batch ID:

Date Sampled: 04/24/18

Date Printed: 04/27/18

07

Date Sampled: 04/24/18 00:00

Date Accepted: 04/24/18

Lazarus Naturals

Sample ID: 07

Matrix: Extract

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 04/25/18 18:58

Date/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT SPEC

Date/Time LC Analyzed:

Batch Identification: B18D130

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2500	
Acephate	< LOQ	0.4	0.2000	Organophosphate Insecticide
Acequinocyl	< LOQ	2	1.000	
Acetamiprid	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.2000	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.1000	
Bifenazate	< LOQ	0.2	0.1000	Unclassified insecticide
Bifenthrin	< LOQ	0.2	0.1000	
Boscalid	< LOQ	0.4	0.2000	Anilide fungicide
Carbaryl	< LOQ	0.2	0.1000	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.1000	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.1000	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.5000	Pyrazole insecticide
Chlorpyrifos	< LOQ	0.2	0.1000	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.1000	
Cyfluthrin	< LOQ	1	0.5000	
Cypermethrin	< LOQ	1	0.5000	
Daminozide	< LOQ	1	0.5000	
DDVP (Dichlorvos)	< LOQ	1	0.5000	
Diazinon	< LOQ	0.2	0.1000	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.1000	
Ethoprophos	< LOQ	0.2	0.1000	
Etofenprox	< LOQ	0.4	0.2000	
Etoxazole	< LOQ	0.2	0.1000	Unclassified miticide
Fenoxycarb	< LOQ	0.2	0.1000	
Fenpyroximate	< LOQ	0.4	0.2000	



Chris Nielsen, Lab Director 4/27/2018

Analytical Test Report

07

Lazarus Naturals

Laboratory ID: 1804090-02

07

Lazarus Naturals

Date Sampled: 04/24/18 00:00

Date Accepted: 04/24/18

Sample ID: 07

Matrix: Extract

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 04/25/18 18:58

Date/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT SPEC

Date/Time LC Analyzed:

Batch Identification: B18D130

Analyte	Result	Action Level	LOQ	Type
Fipronil	< LOQ	0.4	0.2000	Pyrazole insecticide
Flonicamid	< LOQ	1	0.5000	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.2000	non-systemic fungicide
Hexythiazox	< LOQ	1	0.5000	
Imazalil	< LOQ	0.2	0.1000	Azole fungicide
Imidacloprid	< LOQ	0.4	0.2000	Neonicotinoid insectide
Kresoxim-methyl	< LOQ	0.4	0.2000	
Malathion	< LOQ	0.2	0.1000	
Metalaxyl	< LOQ	0.2	0.1000	
Methiocarb	< LOQ	0.2	0.1000	Carbamate insecticide
Methomyl	< LOQ	0.4	0.2000	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.1000	
MGK-264	< LOQ	0.2	0.1000	
Myclobutanil	< LOQ	0.2	0.1000	Azole fungicide
Naled	< LOQ	0.5	0.2500	
Oxamyl	< LOQ	1	1.000	Carbamate insecticide
Pacllobutrazol	< LOQ	0.4	0.2000	Azole plant growth regulator
Permethrins	< LOQ	0.2	0.1000	
Phosmet	< LOQ	0.2	0.1000	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	0.5000	
Prallethrin	< LOQ	0.2	0.1000	
Propiconazole	< LOQ	0.4	0.2000	
Propoxur	< LOQ	0.2	0.1000	Carbamate insecticide
Pyrethrins	< LOQ	1	0.5000	
Pyridaben	< LOQ	0.2	0.1000	Unclassified insecticide
Spinosad	< LOQ	0.2	0.1000	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.1000	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.1000	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.2000	Unclassified fungicide
Tebuconazole	< LOQ	0.4	0.2000	
Thiacloprid	< LOQ	0.2	0.1000	
Thiamethoxam	< LOQ	0.2	0.1000	Neonicotinoid insectide
Trifloxystrobin	< LOQ	0.2	0.1000	Strobin fungicide



Chris Nielsen, Lab Director 4/27/2018