Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

11119 SE Division St., Portland, OR 97266 (503) 307-0096

@BA75-13

Lab ID: 1901150-01RE1

Lazarus Naturals

METRC Batch ID:

Date Sampled: 01/25/19
Date Printed: 02/6/19

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 - SOP 19 and 20

Cannabinoids (% weight)		Notes
THCA	0.0738	
delta 9-THC	0.167	
delta 8-THC	< LOQ	
CBGA	< LOQ	
CBDA	0.0579	
CBD	2.12	
CBN	< LOQ	
CBG	0.0685	
CBC	< LOQ	

Total THC
0.232 %

Total CBD
2.17 %

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = *bioactive*
"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)

Harrison Cassady
Lab Director

Rose City LABORATORIES

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Lab ID: 1901150-01

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METRC Batch ID:

Date Sampled: 01/25/19
Date Printed: 02/6/19

@BA75-13

Lazarus Naturals

Date Sampled: 01/25/19 00:00
Date Accepted: 01/25/19
Results Valid Until: 01/25/20

Sample ID: 1901150-01 **Matrix:** Extracts and Concentrates **M #:**

Pesticide Analysis in PPM

Date/Time Extracted: 02/04/19 15:07
Analysis Method/SOP: * DEFAULT SPECIFIC**
Batch Identification: B19B009

Date/Time GC Analyzed:
Date/Time LC Analyzed:

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2460	Avermectin insecticide
Acephate	< LOQ	0.4	0.1968	Organophosphate Insecticide
Acequinocyl	< LOQ	2	0.9841	Quinoline insecticide
Acetamiprid	< LOQ	0.2	0.09841	Neonicotinoid instecticide
Aldicarb	< LOQ	0.4	0.1968	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.09841	Strobin fungicide
Bifenazate	< LOQ	0.2	0.09841	Carbazate miticide
Bifenthrin	< LOQ	0.2	0.09841	Pyrethroid insecticide
Boscalid	< LOQ	0.4	0.1968	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.09841	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.09841	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.09841	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.4920	Pyrrole insecticide
Chlorpyrifos	< LOQ	0.2	0.09841	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.09841	Tetrazine miticide
Cyfluthrin	< LOQ	1	0.4920	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.4920	Pyrethroid insecticide
Daminozide	< LOQ	1	0.4920	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.4920	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.09841	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.09841	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.09841	Organophosphate insecticide

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Pesticide Analysis in PPM

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Analysis Method/SOP: * DEFAULT SPECIFIC**
Batch Identification: B19B009
Date/Time GC Analyzed:
Date/Time LC Analyzed:

Analyte	Result	Action Level	LOQ	Type
Etofenprox	< LOQ	0.4	0.1968	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.09841	Oxazoline insecticide
Fenoxycarb	< LOQ	0.2	0.09841	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1968	Pyrazolium miticide
Fipronil	< LOQ	0.4	0.1968	Pyrazole insecticide
Flonicamid	< LOQ	1	0.4920	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1968	Benzodioxole fungicide
Hexythiazox	< LOQ	1	0.4920	Heterocyclic miticide
Imazalil	< LOQ	0.2	0.09841	Imidazole fungicide
Imidacloprid	< LOQ	0.4	0.1968	Neonicotinoid insectide
Kresoxim-methyl	< LOQ	0.4	0.1968	Strobilurin fungicide
Malathion	< LOQ	0.2	0.09841	Organophosphate insecticide
Metalaxyl	< LOQ	0.2	0.09841	Benzenoid fungicide
Methiocarb	< LOQ	0.2	0.09841	Carbamate insecticide
Methomyl	< LOQ	0.4	0.1968	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.09841	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.09841	Pesticide synergist
Myclobutanil	< LOQ	0.2	0.09841	Triazole fungicide
Naled	< LOQ	0.5	0.2460	Organophosphate insecticide
Oxamyl	< LOQ	1	0.8611	Carbamate insecticide
Paclobutrazol	< LOQ	0.4	0.1968	Triazole fungicide
Permethrins	< LOQ	0.2	0.09841	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.09841	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	0.4920	Pesticide synergist
Prallethrin	< LOQ	0.2	0.09841	Pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.1968	Triazole fungicide
Propoxur	< LOQ	0.2	0.09841	Carbamate insecticide
Pyrethrins	< LOQ	1	0.2460	Pyrethroid insecticide

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Date Sampled: 01/25/19 00:00
Date Accepted: 01/25/19
Results Valid Until: 01/25/20

Sample ID: 1901150-01 **Matrix:** Extracts and Concentrates **M #:**

Pesticide Analysis in PPM

Date/Time Extracted: 02/04/19 15:07
Analysis Method/SOP: * DEFAULT SPECIFIC**
Batch Identification: B19B009
Date/Time GC Analyzed:
Date/Time LC Analyzed:

Analyte	Result	Action Level	LOQ	Type
Pyridaben	< LOQ	0.2	0.09841	Pyridazinone insecticide
Spinosad	< LOQ	0.2	0.09841	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.09841	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.09841	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.1968	Spiroketalamine fungicide
Tebuconazole	< LOQ	0.4	0.1968	Triazole fungicide
Thiacloprid	< LOQ	0.2	0.09841	Neonicotinoid insecticide
Thiamethoxam	< LOQ	0.2	0.09841	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.09841	Strobin fungicide

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red.

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Lab Director

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Lazarus Naturals

Laboratory ID: 1901150-01

Residual Solvents

Analysis Method/SOP: RS

Solvent	Results in ppm	LOQ	Action Level	Notes
Acetone	< LOQ	250.0	5000	
Acetonitrile	< LOQ	100.0	400	
Benzene	< LOQ	0.5000	2	
2-Butanol	< LOQ	50.00	5000	
Cumene	< LOQ	50.00	70	
Cyclohexane	< LOQ	50.00	3880	
Dichloromethane	< LOQ	50.00	600	
1,4-Dioxane	< LOQ	50.00	380	
2-Ethoxyethanol	< LOQ	50.00	160	
Ethyl acetate	< LOQ	50.00	5000	
Ethyl benzene	< LOQ	50.00	0	
Ethylene glycol	< LOQ	250.0	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	50.00	5000	
Heptane	< LOQ	50.00	5000	
Isopropyl acetate	< LOQ	50.00	5000	
Methanol	< LOQ	250.0	3000	
Propane	< LOQ	50.00	5000	
2-Propanol (IPA)	< LOQ	250.0	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	
Butanes	< LOQ	250.0	5000	
Hexanes	< LOQ	50.00	290	
Pentanes	< LOQ	50.00	5000	
Xylenes	< LOQ	50.00	2170	

Results above the Action Level fail state testing requirements and will be highlighted Red.

Harrison Cassady
Lab Director

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Job Number: 19-001330
Report Number: 19-001330-00
Report Date: 02/14/2019
ORELAP#: OR100028
Purchase Order:
Received: 02/07/19 16:00

Customer: Rose City Labs
11119 SE Division St.
Portland Oregon 97266
United States

Product identity: BA75-13
Client/Metrc ID: .
Sample Date:
Laboratory ID: 19-001330-0002
Relinquished by: Zach Huson
Temp: 17.1 °C
Weight Received: 45 g

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/ml	10	1901151	02/10/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/ml	10	1901151	02/10/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/ml	10	1901154	02/12/19	AOAC 997.02 (Petrifilm)	X
Yeast	< LOQ		cfu/ml	10	1901154	02/12/19	AOAC 997.02 (Petrifilm)	X

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0491	1901267	02/12/19	AOAC 2013.06 (mod)	X
Cadmium	< LOQ		mg/kg	0.0491	1901267	02/12/19	AOAC 2013.06 (mod)	X
Lead	< LOQ		mg/kg	0.0491	1901267	02/12/19	AOAC 2013.06 (mod)	X
Mercury	< LOQ		mg/kg	0.0245	1901267	02/12/19	AOAC 2013.06 (mod)	X

Testing in accordance with: OAR 333-007-0390