

@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)

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)



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Date Sampled: 01/25/19 00:00

Date Accepted: 01/25/19

Results Valid Until: 01/25/20

Lazarus Naturals

Sample ID: 1901150-01

Matrix: Extracts and Concentrates

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 02/04/19 15:07

Date/Time GC Analyzed:

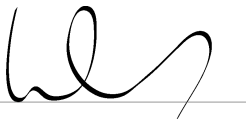
Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPECIFIC

Batch Identification: B19B009

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 insecticide
Aldicarb	< LOQ	0.4	0.1968	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.09841	Strobilin 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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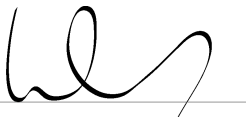
Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPFCIFIC

Batch Identification: B19B009

Analyte	Result	Action Level	LOQ	Type
Etofenprox	< LOQ	0.4	0.1968	Pyrethroid insecticide
Etoazole	< 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 insecticide
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
Paclbutrazol	< 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/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPFCIFIC

Batch Identification: B19B009

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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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



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/Metric 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

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.