

@BA72-13

Lab ID: 1901150-02RE1

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	< LOQ
delta 9-THC	0.122
delta 8-THC	< LOQ
CBGA	< LOQ
CBDA	< LOQ
CBD	2.01
CBN	< LOQ
CBG	0.0867
CBC	< LOQ

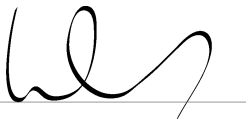
Total THC
0.122 %

Total CBD
2.01 %

<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
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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: 1901150-02

Matrix: Extracts and Concentrates

M #:

Pesticide Analysis in PPM

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

Date/Time GC Analyzed:

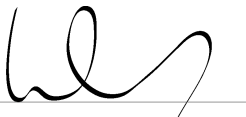
Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPECIFIC

Batch Identification: B19B009

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2336	Avermectin insecticide
Acephate	< LOQ	0.4	0.1869	Organophosphate Insecticide
Acequinocyl	< LOQ	2	0.9344	Quinoline insecticide
Acetamiprid	< LOQ	0.2	0.09344	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.1869	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.09344	Strobilin fungicide
Bifenazate	< LOQ	0.2	0.09344	Carbazate miticide
Bifenthrin	< LOQ	0.2	0.09344	Pyrethroid insecticide
Boscalid	< LOQ	0.4	0.1869	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.09344	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.09344	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.09344	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.4672	Pyrrole insecticide
Chlorpyrifos	< LOQ	0.2	0.09344	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.09344	Tetrazine miticide
Cyfluthrin	< LOQ	1	0.4672	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.4672	Pyrethroid insecticide
Daminozide	< LOQ	1	0.4672	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.4672	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.09344	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.09344	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.09344	Organophosphate insecticide



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Date/Time GC Analyzed:

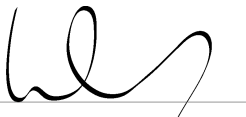
Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPFCIFIC

Batch Identification: B19B009

Analyte	Result	Action Level	LOQ	Type
Etofenprox	< LOQ	0.4	0.1869	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.09344	Oxazoline insecticide
Fenoxycarb	< LOQ	0.2	0.09344	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1869	Pyrazolium miticide
Fipronil	< LOQ	0.4	0.1869	Pyrazole insecticide
Flonicamid	< LOQ	1	0.4672	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1869	Benzodioxole fungicide
Hexythiazox	< LOQ	1	0.4672	Heterocyclic miticide
Imazalil	< LOQ	0.2	0.09344	Imidazole fungicide
Imidacloprid	< LOQ	0.4	0.1869	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.1869	Strobilurin fungicide
Malathion	< LOQ	0.2	0.09344	Organophosphate insecticide
Metalaxyl	< LOQ	0.2	0.09344	Benzenoid fungicide
Methiocarb	< LOQ	0.2	0.09344	Carbamate insecticide
Methomyl	< LOQ	0.4	0.1869	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.09344	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.09344	Pesticide synergist
Myclobutanil	< LOQ	0.2	0.09344	Triazole fungicide
Naled	< LOQ	0.5	0.2336	Organophosphate insecticide
Oxamyl	< LOQ	1	0.8176	Carbamate insecticide
Paclbutrazol	< LOQ	0.4	0.1869	Triazole fungicide
Permethrins	< LOQ	0.2	0.09344	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.09344	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	0.4672	Pesticide synergist
Prallethrin	< LOQ	0.2	0.09344	Pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.1869	Triazole fungicide
Propoxur	< LOQ	0.2	0.09344	Carbamate insecticide
Pyrethrins	< LOQ	1	0.2336	Pyrethroid insecticide



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Date/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

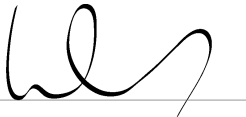
SPECIFIC

Batch Identification: B19B009

Analyte	Result	Action Level	LOQ	Type
Pyridaben	< LOQ	0.2	0.09344	Pyridazinone insecticide
Spinosad	< LOQ	0.2	0.09344	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.09344	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.09344	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.1869	Spiroketamine fungicide
Tebuconazole	< LOQ	0.4	0.1869	Triazole fungicide
Thiacloprid	< LOQ	0.2	0.09344	Neonicotinoid insecticide
Thiamethoxam	< LOQ	0.2	0.09344	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.09344	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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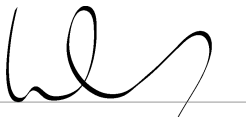
Laboratory ID: 1901150-02

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: BA72-13
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-001330-0001
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	0.0246	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.