

@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

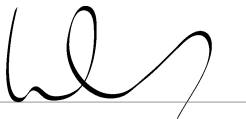
Total THC
0.122 %

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)



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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:

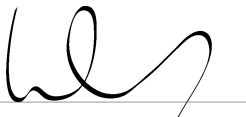
Analysis Method/SOP: *** DEFAULT

Date/Time LC Analyzed:

SPFCIFIC

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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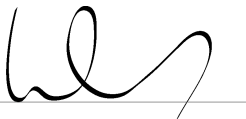
Analysis Method/SOP: *** DEFAULT

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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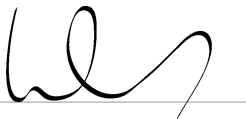
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Residual Solvents

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



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