

Analytical Test Report

@06

Lazarus Naturals

Laboratory ID: 1804090-03

Batch ID:

Date Sampled: 04/24/18

Date Printed: 04/27/18

Report cannot be used for OLCC/OHA compliance.

06

Date Sampled: 04/24/18 00:00

Date Accepted: 04/24/18

Lazarus Naturals

Sample ID: 06

Matrix: Extracts and Concentrates

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

Page 1 of 7

Analytical Test Report

06

Lazarus Naturals

Laboratory ID: 1804090-03

06

Date Sampled: 04/24/18 00:00

Date Accepted: 04/24/18

Lazarus Naturals

Sample ID: 06

Matrix: Extracts and Concentrates

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
Paclobutrazol	< 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	0.1055	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

Page 2 of 7

Analytical Test Report

06

Lazarus Naturals

Laboratory ID: 1804090-03

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



Chris Nielsen, Lab Director 4/27/2018

Page 3 of 7

Analytical Test Report

06

Lazarus Naturals

Laboratory ID: 1804090-03

Quality Control Pesticide Analysis

Batch: B18D130 - Pest

Blank(B18D130-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.2500	ppm		04/25/18 18:58	04/25/18 22:58	
Acephate	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Acequinocyl	< LOQ	1.000	ppm		04/25/18 18:58	04/25/18 22:58	
Acetamiprid	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Aldicarb	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Azoxystrobin	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Bifenazate	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Bifenthrin	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Boscalid	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Carbaryl	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Carbofuran	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Chlorantraniliprole	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Chlorfenapyr	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Chlorpyrifos	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Clofentezine	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Cyfluthrin	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Cypermethrin	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Daminozide	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
DDVP (Dichlorvos)	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Diazinon	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Dimethoate	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Ethoprophos	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Etofenprox	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Etoxazole	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Fenoxycarb	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Fenpyroximate	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Fipronil	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Flonicamid	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Fludioxonil	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Hexythiazox	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Imazalil	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Imidacloprid	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Kresoxim-methyl	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Malathion	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Metalaxyl	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Methiocarb	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Methomyl	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Methyl parathion	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
MGK-264	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	



Chris Nielsen, Lab Director 4/27/2018

Page 4 of 7

Analytical Test Report

06

Lazarus Naturals

Laboratory ID: 1804090-03

Quality Control Pesticide Analysis (Continued)

Batch: B18D130 - Pest (Continued)

Blank(B18D130-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Myclobutanil	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Naled	< LOQ	0.2500	ppm		04/25/18 18:58	04/25/18 22:58	
Oxamyl	< LOQ	1.000	ppm		04/25/18 18:58	04/25/18 22:58	
Paclobutrazol	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Permethrins	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Phosmet	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Piperonyl butoxide	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Prallethrin	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Propiconazole	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Propoxur	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Pyrethrins	< LOQ	0.5000	ppm		04/25/18 18:58	04/25/18 22:58	
Pyridaben	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Spinosad	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Spiromesifen	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Spirotetramat	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Spiroxamine	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Tebuconazole	< LOQ	0.2000	ppm		04/25/18 18:58	04/25/18 22:58	
Thiacloprid	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Thiamethoxam	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	
Trifloxystrobin	< LOQ	0.1000	ppm		04/25/18 18:58	04/25/18 22:58	

LCS(B18D130-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	42.6	0.2500	ppm	70-130	04/25/18 18:58	04/25/18 22:38	Q1
Acephate	82.0	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Acequinocyl	82.4	1.000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Acetamiprid	89.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Aldicarb	97.5	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Azoxystrobin	99.7	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Bifenazate	99.0	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Bifenthrin	85.5	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Boscalid	93.9	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Carbaryl	89.7	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Carbofuran	86.1	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Chlorantraniliprole	119	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Chlorfenapyr	111	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Chlorpyrifos	117	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Clofentezine	107	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Cyfluthrin	100	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	



Chris Nielsen, Lab Director 4/27/2018

Page 5 of 7

Analytical Test Report

06

Lazarus Naturals
Laboratory ID: 1804090-03

Quality Control Pesticide Analysis (Continued)

Batch: B18D130 - Pest (Continued)

LCS(B18D130-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cypermethrin	127	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Daminozide	82.2	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
DDVP (Dichlorvos)	85.0	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Diazinon	92.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Dimethoate	83.2	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Ethoprophos	108	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Etofenprox	105	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Etoazole	96.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Fenoxycarb	92.0	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Fenpyroximate	86.5	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Fipronil	101	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Flonicamid	74.1	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Fludioxonil	115	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Hexythiazox	109	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Imazalil	107	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Imidacloprid	65.2	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	LCS
Kresoxim-methyl	92.3	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Malathion	94.4	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Metalaxyl	110	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Methiocarb	99.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Methomyl	74.7	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Methyl parathion	111	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
MGK-264	107	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Myclobutanil	93.9	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Naled	103	0.2500	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Oxamyl	72.0	1.000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Paclobutrazol	99.4	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Permethrins	93.1	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Phosmet	93.5	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Piperonyl butoxide	92.5	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Prallethrin	107	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Propiconazole	91.8	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Propoxur	82.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Pyrethrins	96.8	0.5000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Pyridaben	86.7	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Spinosad	98.5	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Spiromesifen	88.6	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Spirotetramat	84.9	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Spiroxamine	88.9	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	



Chris Nielsen, Lab Director 4/27/2018

Page 6 of 7

Analytical Test Report

06

Lazarus Naturals

Laboratory ID: 1804090-03

Quality Control Pesticide Analysis (Continued)

Batch: **B18D130 - Pest (Continued)**

LCS(B18D130-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Tebuconazole	90.8	0.2000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Thiacloprid	90.4	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Thiamethoxam	71.8	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	
Trifloxystrobin	97.9	0.1000	ppm	70-130	04/25/18 18:58	04/25/18 22:38	

Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associate method blank.
 - C Interference due to co-elution.
 - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
 - H Non-homogenous sample matrix affecting RPD and/or QC.
 - I Manual Integration was performed.
 - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
 - M Anomalous results due to matrix interference
 - P Peaks manually split.
 - Q1 QC out of limits but still oK
 - Q2 Quality Control outside QC limits. Data considered estimate.
 - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
 - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
 - R Marginal Exceedence.
 - U Reported result is an estimate. The analyte was detected above the calibration range.
 - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected



Chris Nielsen, Lab Director 4/27/2018

Page 7 of 7