

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

Batch ID: ACDC

Date Sampled: 05/07/18 Date

Printed: 05/10/18

Report cannot be used for OLCC/OHA compliance.

09

Date Sampled: 05/07/18 00:00

Date Accepted: 05/07/18

Lazarus Naturals

Sample ID: 09

Matrix: Products

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 05/08/18 17:16

Date/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT SPEC

Date/Time LC Analyzed:

Batch Identification: B18E032

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2405	
Acephate	< LOQ	0.4	0.1924	Organophosphate Insecticide
Acequinocyl	< LOQ	2	0.9619	
Acetamiprid	< LOQ	0.2	0.09619	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.1924	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.09619	
Bifenazate	< LOQ	0.2	0.09619	Unclassified insecticide
Bifenthrin	< LOQ	0.2	0.09619	
Boscalid	< LOQ	0.4	0.1924	Anilide fungicide
Carbaryl	< LOQ	0.2	0.09619	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.09619	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.09619	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.4810	Pyrazole insecticide
Chlorpyrifos	< LOQ	0.2	0.09619	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.09619	
Cyfluthrin	< LOQ	1	0.4810	
Cypermethrin	< LOQ	1	0.4810	
Daminozide	< LOQ	1	0.4810	
DDVP (Dichlorvos)	< LOQ	1	0.4810	
Diazinon	< LOQ	0.2	0.09619	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.09619	
Ethoprophos	< LOQ	0.2	0.09619	
Etofenprox	< LOQ	0.4	0.1924	
Etoxazole	< LOQ	0.2	0.09619	Unclassified miticide
Fenoxycarb	< LOQ	0.2	0.09619	
Fenpyroximate	< LOQ	0.4	0.1924	



Chris Nielsen, Lab Director 5/10/2018

Page 1 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

09

Date Sampled: 05/07/18 00:00

Date Accepted: 05/07/18

Lazarus Naturals

Sample ID: 09

Matrix: Products

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 05/08/18 17:16

Date/Time GC Analyzed:

Analysis Method/SOP: *** DEFAULT SPEC

Date/Time LC Analyzed:

Batch Identification: B18E032

Analyte	Result	Action Level	LOQ	Type
Fipronil	< LOQ	0.4	0.1924	Pyrazole insecticide
Flonicamid	< LOQ	1	0.4810	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1924	non-systemic fungicide
Hexythiazox	< LOQ	1	0.4810	
Imazalil	< LOQ	0.2	0.09619	Azole fungicide
Imidacloprid	< LOQ	0.4	0.1924	Neonicotinoid insectide
Kresoxim-methyl	< LOQ	0.4	0.1924	
Malathion	< LOQ	0.2	0.09619	
Metalaxyl	< LOQ	0.2	0.09619	
Methiocarb	< LOQ	0.2	0.09619	Carbamate insecticide
Methomyl	< LOQ	0.4	0.1924	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.09619	
MGK-264	< LOQ	0.2	0.09619	
Myclobutanil	< LOQ	0.2	0.09619	Azole fungicide
Naled	< LOQ	0.5	0.2405	
Oxamyl	< LOQ	1	0.9619	Carbamate insecticide
Paclobutrazol	< LOQ	0.4	0.1924	Azole plant growth regulator
Permethrins	< LOQ	0.2	0.09619	
Phosmet	< LOQ	0.2	0.09619	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	0.4810	
Prallethrin	< LOQ	0.2	0.09619	
Propiconazole	< LOQ	0.4	0.1924	
Propoxur	< LOQ	0.2	0.09619	Carbamate insecticide
Pyrethrins	< LOQ	1	0.4810	
Pyridaben	< LOQ	0.2	0.09619	Unclassified insecticide
Spinosad	< LOQ	0.2	0.09619	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.09619	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.09619	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.1924	Unclassified fungicide
Tebuconazole	< LOQ	0.4	0.1924	
Thiacloprid	< LOQ	0.2	0.09619	
Thiamethoxam	< LOQ	0.2	0.09619	Neonicotinoid insectide
Trifloxystrobin	< LOQ	0.2	0.09619	Strobin fungicide



Chris Nielsen, Lab Director 5/10/2018

Page 2 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

<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 5/10/2018

Page 3 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

Quality Control Pesticide Analysis

Batch: B18E032 - Pest

Blank(B18E032-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.2500	ppm		05/08/18 17:16	05/09/18 19:06	
Acephate	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Acequinocyl	< LOQ	1.000	ppm		05/08/18 17:16	05/09/18 19:06	
Acetamiprid	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Aldicarb	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Azoxystrobin	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Bifenazate	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Bifenthrin	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Boscalid	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Carbaryl	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Carbofuran	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Chlorantraniliprole	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Chlorfenapyr	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Chlorpyrifos	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Clofentezine	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Cyfluthrin	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Cypermethrin	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Daminozide	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
DDVP (Dichlorvos)	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Diazinon	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Dimethoate	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Ethoprophos	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Etofenprox	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Etoxazole	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Fenoxycarb	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Fenpyroximate	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Fipronil	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Flonicamid	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Fludioxonil	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Hexythiazox	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Imazalil	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Imidacloprid	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Kresoxim-methyl	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Malathion	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Metalaxyl	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Methiocarb	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Methomyl	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Methyl parathion	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
MGK-264	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	



Chris Nielsen, Lab Director 5/10/2018

Page 4 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

Quality Control Pesticide Analysis (Continued)

Batch: B18E032 - Pest (Continued)

Blank(B18E032-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Myclobutanil	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Naled	< LOQ	0.2500	ppm		05/08/18 17:16	05/09/18 19:06	
Oxamyl	< LOQ	1.000	ppm		05/08/18 17:16	05/09/18 19:06	
Paclobutrazol	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Permethrins	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Phosmet	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Piperonyl butoxide	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Prallethrin	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Propiconazole	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Propoxur	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Pyrethrins	< LOQ	0.5000	ppm		05/08/18 17:16	05/09/18 19:06	
Pyridaben	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Spinosad	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Spiromesifen	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Spirotetramat	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Spiroxamine	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Tebuconazole	< LOQ	0.2000	ppm		05/08/18 17:16	05/09/18 19:06	
Thiacloprid	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Thiamethoxam	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	
Trifloxystrobin	< LOQ	0.1000	ppm		05/08/18 17:16	05/09/18 19:06	

LCS(B18E032-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	115	0.2500	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Acephate	92.3	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Acequinocyl	101	1.000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Acetamiprid	96.7	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Aldicarb	100	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Azoxystrobin	104	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Bifenazate	92.0	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Bifenthrin	91.5	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Boscalid	104	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Carbaryl	102	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Carbofuran	103	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Chlorantraniliprole	90.1	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Chlorfenapyr	80.6	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Chlorpyrifos	89.3	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Clofentezine	101	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Cyfluthrin	110	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	



Chris Nielsen, Lab Director 5/10/2018

Page 5 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

Quality Control Pesticide Analysis (Continued)

Batch: B18E032 - Pest (Continued)

LCS(B18E032-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cypermethrin	75.0	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Daminozide	81.9	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
DDVP (Dichlorvos)	72.8	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Diazinon	98.6	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Dimethoate	105	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Ethoprophos	89.3	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Etofenprox	98.2	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Etoazole	97.6	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Fenoxycarb	97.5	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Fenpyroximate	101	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Fipronil	101	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Flonicamid	106	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Fludioxonil	93.9	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Hexythiazox	95.5	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Imazalil	100	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Imidacloprid	115	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Kresoxim-methyl	110	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Malathion	108	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Metalaxyl	102	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Methiocarb	99.7	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Methomyl	88.8	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Methyl parathion	115	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
MGK-264	96.2	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Myclobutanil	95.0	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Naled	98.0	0.2500	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Oxamyl	115	1.000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Paclobutrazol	82.5	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Permethrins	92.6	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Phosmet	108	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Piperonyl butoxide	104	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Prallethrin	92.2	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Propiconazole	101	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Propoxur	94.6	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Pyrethrins	96.5	0.5000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Pyridaben	105	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Spinosad	93.4	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Spiromesifen	99.2	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Spirotetramat	107	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Spiroxamine	96.6	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	



Chris Nielsen, Lab Director 5/10/2018

Page 6 of 7

Analytical Test Report

09

Lazarus Naturals

Laboratory ID: 1805024-03

Quality Control Pesticide Analysis (Continued)

Batch: B18E032 - Pest (Continued)

LCS(B18E032-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Tebuconazole	104	0.2000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Thiacloprid	100	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Thiamethoxam	116	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	
Trifloxystrobin	104	0.1000	ppm	70-130	05/08/18 17:16	05/09/18 18:46	

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 5/10/2018

Page 7 of 7