



12025 NE Marx St. Portland, OR 97220  
503-253-3511 / [www.greenleaflab.org](http://www.greenleaflab.org)

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

## Blueberry Trainwreck THC FECO Duplicate

*OM Extracts*

Sample ID: G8D0058-06

Date Sampled: 04/04/18 00:00

Date Accepted: 04/04/18

Results Valid Until: 04/04/19

### Results at a Glance

Total THC : 49.54 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt  
Chief Science Officer - 4/12/2018



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## Blueberry Trainwreck THC FECO Duplicate

Date Sampled: 04/04/18 00:00

Date Accepted: 04/04/18

Results Valid Until: 04/04/19

### OM Extracts

Sample ID: G8D0058-06

Matrix: Extracts and Concentrates

Test RFID: 1215

Source RFID: 1A4010300014ADD000001214

## Potency Analysis

Date/Time Extracted: 04/06/18 12:48

Analysis Method/SOP: 215

Date/Time Analyzed: 04/07/18 12:17

Batch Identification: 1814039

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile						
Total THC ((THCA*0.877)+Δ9)	49.54	<table border="1"> <tr> <td>THCA</td> <td>9.9</td> </tr> <tr> <td>delta 9-THC</td> <td>40.8</td> </tr> <tr> <td>Total</td> <td>50.8</td> </tr> </table>	THCA	9.9	delta 9-THC	40.8	Total	50.8
THCA	9.9							
delta 9-THC	40.8							
Total	50.8							
Total CBD ((CBDA*0.877)+CBD)	< LOQ							
THCA	9.926							
delta 9-THC	40.83							
delta 8-THC	< LOQ							
THCV	< LOQ							
CBGA	< LOQ							
CBDA	< LOQ							
CBD	< LOQ							
CBDV	< LOQ							
CBN	< LOQ							
CBG	< LOQ							
CBC	< LOQ							
Total Cannabinoids	50.76							

<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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Date Sampled: 04/04/18  
 Date Accepted: 04/04/18  
 Results Valid Until: 04/04/19

### OM Extracts

Sample ID: G8D0058-06 Matrix: Extracts and Concentrates Test RFID: 1215  
 Source RFID: 1A4010300014ADD000001214

### Pesticide Analysis in PPM

Date/Time Extracted: 04/06/18 10:21

Date/Time GC Analyzed: 04/07/18 01:17

Analysis Method/SOP: 203

Date/Time LC Analyzed: 04/07/18 01:50

Batch Identification: 1814031

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.1	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.1	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.1	Acaricide
Acetamiprid	< LOQ	0.2	0.1	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.1	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.1	QoI fungicide
Bifenazate	< LOQ	0.2	0.1	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.1	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.1	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.1	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.1	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.1	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.1	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.1	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.1	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.1	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.1	Pyrethroid insecticide
Daminozide	< LOQ	1	0.1	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.1	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.1	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.1	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.1	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.1	Pyrazole insecticide
Flonicamid	< LOQ	1	0.1	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.1	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.1	Azole fungicide
Imidacloprid	< LOQ	0.4	0.1	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.1	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.1	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.1	Phenylamide fungicide

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Date Accepted: 04/04/18

Results Valid Until: 04/04/19

### OM Extracts

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Test RFID: 1215

Source RFID: 1A4010300014ADD000001214

### Pesticide Analysis in PPM

Date/Time Extracted: 04/06/18 10:21

Date/Time GC Analyzed: 04/07/18 01:17

Analysis Method/SOP: 203

Date/Time LC Analyzed: 04/07/18 01:50

Batch Identification: 1814031

Analyte	Result	Action Level	LOQ	Type
Methiocarb	< LOQ	0.2	0.1	Carbamate insecticide
Methomyl	< LOQ	0.4	0.1	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.1	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1	Synergist
Myclobutanil	< LOQ	0.2	0.1	Triazole fungicide
Naled	< LOQ	0.5	0.1	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.1	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.1	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.1	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.1	Organophosphate insecticide and acaricide
Piperonyl butoxide	< LOQ	2	0.1	Synergist
Prallethrin	< LOQ	0.2	0.1	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.1	Triazole fungicide
Propoxur	< LOQ	0.2	0.1	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.1	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.1	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.1	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.1	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.1	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.1	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.1	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.1	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.1	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.1	Strobilurin fungicide

&lt;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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Matrix: Extracts and Concentrates

Test RFID: 1215

Source RFID: 1A4010300014ADD000001214

Date Sampled: 04/04/18 00:00

Date Accepted: 04/04/18

Results Valid Until: 04/04/19

### Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	
Acetonitrile	< LOQ	50.00	410	
Benzene	< LOQ	0.5000	2	
Butanes	< LOQ	1000	5000 <sup>3</sup>	
2-Butanol	< LOQ	1000	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	1000	5000	
Ethylene glycol	< LOQ	50.00	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	1000	5000	
Heptane	< LOQ	1000	5000	
Hexanes	< LOQ	50.00	290 <sup>4</sup>	
Isopropyl acetate	< LOQ	1000	5000	
Methanol	< LOQ	100.0	3000	
Pentanes	< LOQ	1000	5000 <sup>5</sup>	
Propane	< LOQ	1000	5000	
2-Propanol (IPA)	< LOQ	1000	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	

Date/Time Extracted: 04/06/18 12:27

Date/Time Analyzed: 04/06/18 23:12

Analysis Method/SOP: 205

Batch Identification: 1814037

**3** - Total butanes should be calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

**4** - Total hexanes should be calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)

**5** - Total pentanes should be calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

**6** - Total xylenes are 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)

&lt;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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 Chief Science Officer - 4/12/2018



# Quality Control Potency

Batch: 1814039 - 215-Concentrates

Blank(1814039-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
delta 9-THC	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
delta 8-THC	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBGA	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
THCV	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBDA	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBD	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBDV	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBN	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBG	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48
CBC	< LOQ	0.8000	%		04/06/18 12:48	04/07/18 08:48

LCS(1814039-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.9	0.0100	%	80-120	04/06/18 12:48	04/07/18 08:59
delta 9-THC	101	0.0100	%	80-120	04/06/18 12:48	04/07/18 08:59
CBDA	104	0.0100	%	80-120	04/06/18 12:48	04/07/18 08:59
CBD	101	0.0100	%	80-120	04/06/18 12:48	04/07/18 08:59

LCS(1814039-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	113	0.0100	%	80-120	04/06/18 12:48	04/07/18 09:11
delta 9-THC	103	0.0100	%	80-120	04/06/18 12:48	04/07/18 09:11
CBDA	102	0.0100	%	80-120	04/06/18 12:48	04/07/18 09:11
CBD	98.4	0.0100	%	80-120	04/06/18 12:48	04/07/18 09:11

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# Quality Control Pesticide Analysis

Batch: 1814031 - 203

Blank(1814031-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
DDVP (Dichlorvos)	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Acephate	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Acequinocyl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Acetamiprid	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Aldicarb	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Azoxystrobin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Bifenazate	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Bifenthrin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Boscalid	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Carbaryl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Carbofuran	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Chlorantraniliprole	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Chlorfenapyr	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Chlorpyrifos	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Clofentezine	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Cyfluthrin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Cypermethrin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Daminozide	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Diazinon	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Dimethoate	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Ethoprophos	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Etofenprox	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Etoxazole	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Fenoxycarb	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Fenpyroximate	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Fipronil	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Fonicamid	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Fludioxonil	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Hexythiazox	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Imazalil	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Imidacloprid	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Kresoxim-methyl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Malathion	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Metalaxyl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Methiocarb	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Methomyl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Methyl parathion	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17

Eric Wendt  
Chief Science Officer - 4/12/2018



# Quality Control

## Pesticide Analysis (Continued)

Batch: 1814031 - 203 (Continued)

Blank(1814031-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Myclobutanil	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Naled	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Oxamyl	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Paclobutrazol	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Permethrins	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Phosmet	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Piperonyl butoxide	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Prallethrin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Propiconazole	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 18:17
Propoxur	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Pyrethrins	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Pyridaben	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Spinosad	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Spiromesifen	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Spirotetramat	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Spiroxamine	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Tebuconazole	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Thiacloprid	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Thiamethoxam	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32
Trifloxystrobin	< LOQ	0.1	ppm		04/06/18 10:21	04/06/18 21:32

LCS(1814031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	95.9	0.1	ppm	7-141	04/06/18 10:21	04/06/18 21:45
DDVP (Dichlorvos)	83.0	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Acephate	89.4	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Acequinocyl	52.4	0.1	ppm	0-111	04/06/18 10:21	04/06/18 21:45
Acetamiprid	105	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Aldicarb	94.4	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Azoxystrobin	99.5	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Bifenazate	116	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Bifenthrin	125	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Boscalid	74.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Carbaryl	76.8	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Carbofuran	91.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Chlorantraniliprole	84.9	0.1	ppm	26-131	04/06/18 10:21	04/06/18 21:45
Chlorfenapyr	87.7	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Chlorpyrifos	93.4	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39

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Chief Science Officer - 4/12/2018





# Quality Control

## Pesticide Analysis (Continued)

Batch: 1814031 - 203 (Continued)

LCS(1814031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	76.5	0.1	ppm	35-118	04/06/18 10:21	04/06/18 21:45
Cyfluthrin	90.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Cypermethrin	101	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Daminozide	19.4	0.1	ppm	0-100	04/06/18 10:21	04/06/18 21:45
Diazinon	96.1	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Dimethoate	110	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Ethoprophos	104	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Etofenprox	92.5	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Etoxazole	93.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Fenoxycarb	92.7	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Fenpyroximate	90.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Fipronil	92.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Flonicamid	93.7	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Fludioxonil	81.7	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Hexythiazox	78.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Imazalil	71.6	0.1	ppm	31-103	04/06/18 10:21	04/06/18 21:45
Imidacloprid	92.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Kresoxim-methyl	87.1	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Malathion	90.7	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Metalaxyl	99.0	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Methiocarb	101	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Methomyl	93.2	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Methyl parathion	89.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
MGK-264	80.8	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Myclobutanil	81.8	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Naled	78.3	0.1	ppm	0-103	04/06/18 10:21	04/06/18 18:39
Oxamyl	98.5	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Paclobutrazol	99.9	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Permethrins	90.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Phosmet	107	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Piperonyl butoxide	114	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Prallethrin	98.3	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Propiconazole	86.5	0.1	ppm	70-130	04/06/18 10:21	04/06/18 18:39
Propoxur	107	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Pyrethrins	114	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Pyridaben	101	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Spinosad	55.7	0.1	ppm	24-91	04/06/18 10:21	04/06/18 21:45
Spiromesifen	97.0	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45

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Chief Science Officer - 4/12/2018



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Green Leaf Lab proudly follows TNI 2009  
Quality Standards

**Quality Control**  
**Pesticide Analysis (Continued)**

**Batch: 1814031 - 203 (Continued)**

LCS(1814031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	92.6	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Spiroxamine	53.6	0.1	ppm	15-95	04/06/18 10:21	04/06/18 21:45
Tebuconazole	90.6	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Thiacloprid	101	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Thiamethoxam	107	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45
Trifloxystrobin	92.1	0.1	ppm	70-130	04/06/18 10:21	04/06/18 21:45

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# Quality Control Solvent Analysis

Batch: 1814037 - 205

Blank(1814037-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Acetonitrile	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Benzene	< LOQ	0.5000	ppm		04/06/18 12:27	04/09/18 10:05
Butanes	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
2-Butanol	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Cumene	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Cyclohexane	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Dichloromethane	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
1,4-Dioxane	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
2-Ethoxyethanol	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Ethyl acetate	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Ethylene glycol	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Ethylene oxide	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Ethyl ether	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Heptane	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Hexanes	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Isopropyl acetate	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Methanol	< LOQ	100.0	ppm		04/06/18 12:27	04/09/18 10:05
Pentanes	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Propane	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
2-Propanol (IPA)	< LOQ	1000	ppm		04/06/18 12:27	04/09/18 10:05
Tetrahydrofuran	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05
Toluene	< LOQ	50.00	ppm		04/06/18 12:27	04/09/18 10:05

LCS(1814037-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	105	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Acetonitrile	109	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Benzene	113	0.5000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
n-Butane	97.3	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Butanes	95.8	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
2-Butanol	108	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Cumene	99.6	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Cyclohexane	101	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Dichloromethane	105	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
1,4-Dimethylbenzene	101	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
1,4-Dioxane	110	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
2-Ethoxyethanol	108	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Ethyl acetate	104	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48

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# Quality Control

## Solvent Analysis (Continued)

Batch: 1814037 - 205 (Continued)

LCS(1814037-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	101	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Ethylene glycol	143	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Ethylene oxide	108	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Ethyl ether	103	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Heptane	108	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
n-Hexane	102	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Hexanes	98.6	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
iso-Butane	94.3	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Isopropyl acetate	109	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
iso-Pentane	101	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Methanol	112	100.0	ppm	70-130	04/06/18 12:27	04/06/18 17:48
2-Methylpentane	99.9	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
3-Methylpentane	101	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
neo-Pentane	94.6	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
n-Pentane	98.7	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Pentanes	98.1	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Propane	84.9	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
2-Propanol (IPA)	109	1000	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Tetrahydrofuran	107	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48
Toluene	104	50.00	ppm	70-130	04/06/18 12:27	04/06/18 17:48

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