



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

**BSD-952-2105**

Date Sampled: 01/28/19 00:00

*Global Cannabinoids*

Date Accepted: 01/28/19

Sample ID: G9A0486-02

## Results at a Glance

Total CBD : 94.87 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt  
Chief Science Officer - 2/4/2019



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**BSD-952-2105**

Date Sampled: 01/28/19 00:00

Date Accepted: 01/28/19

*Global Cannabinoids*

M #: 1006460

Sample ID: G9A0486-02

Matrix: Extracts and Concentrates

## Potency Analysis

Date/Time Extracted: 01/30/19 12:45

Analysis Method/SOP: 215

Date/Time Analyzed: 01/31/19 11:26

Batch Identification: 1905037

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	< LOQ	<p>A 3D pie chart illustrating the cannabinoid profile. The largest slice is CBD at 94.9%, followed by CBC at 2.7%, CBN at 1.5%, and CBG at 1.0%. The total is 100.1%.</p>
Total CBD ((CBDA*0.877)+CBD)	94.87	
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBD	94.87	
CBDA	< LOQ	
CBDV	< LOQ	
CBDVA	< LOQ	
CBN	1.461	
CBG	1.029	
CBGA	< LOQ	
CBC	2.716	
CBCA	< LOQ	
CBLA	< LOQ	
Total Cannabinoids	100.1	

<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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**BSD-952-2105**

Date Sampled: 01/28/19

Date Accepted: 01/28/19

Results Valid Until: 01/28/20

*Global Cannabinoids*

M #: 1006460

Sample ID: G9A0486-02

Matrix: Extracts and Concentrates

**Pesticide Analysis in PPM**

Date/Time Extracted: 01/30/19 10:08

Date/Time GC Analyzed: 02/01/19 22:06

Analysis Method/SOP: 202

Date/Time LC Analyzed: 02/01/19 22:34

Batch Identification: 1905031

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.08	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.01	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.08	Acaricide
Acetamiprid	< LOQ	0.2	0.01	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.01	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.01	QoI fungicide
Bifenazate	< LOQ	0.2	0.01	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.02	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.01	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.01	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.01	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.01	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.2	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.01	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.01	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.08	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.2	Pyrethroid insecticide
Daminozide	< LOQ	1	0.03	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.01	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.01	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.01	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.01	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.01	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.01	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.01	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.01	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.02	Pyrazole insecticide
Fonicamid	< LOQ	1	0.01	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.01	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.01	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.01	Azole fungicide
Imidacloprid	< LOQ	0.4	0.01	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.02	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.01	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.01	Phenylamide fungicide

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## BSD-952-2105

### Global Cannabinoids

Date Sampled: 01/28/19

Date Accepted: 01/28/19

Results Valid Until: 01/28/20

M #: 1006460

Sample ID: G9A0486-02

Matrix: Extracts and Concentrates

### Pesticide Analysis in PPM

Date/Time Extracted: 01/30/19 10:08

Date/Time GC Analyzed: 02/01/19 22:06

Analysis Method/SOP: 202

Date/Time LC Analyzed: 02/01/19 22:34

Batch Identification: 1905031

Analyte	Result	Action Level	LOQ	Type
Methiocarb	< LOQ	0.2	0.01	Carbamate insecticide
Methomyl	< LOQ	0.4	0.01	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.01	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.01	Synergist
Myclobutanil	< LOQ	0.2	0.01	Triazole fungicide
Naled	< LOQ	0.5	0.01	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.01	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.01	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.2	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.01	Organophosphate insecticide and acaricide
Piperonyl butoxide	< LOQ	2	0.01	Synergist
Prallethrin	< LOQ	0.2	0.01	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.2	Triazole fungicide
Propoxur	< LOQ	0.2	0.01	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.08	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.01	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.01	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.01	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.01	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.01	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.01	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.01	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.01	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.01	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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**BSD-952-2105**

Date Sampled: 01/28/19 00:00

**Global Cannabinoids**

Date Accepted: 01/28/19

M #: 1006460

Sample ID: G9A0486-02

Matrix: Extracts and Concentrates

**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	
Ethyl benzene	< LOQ	50.00	2170	
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	
Xylenes	< LOQ	50.00	2170	

Date/Time Extracted: 01/30/19 09:40

Date/Time Analyzed: 01/31/19 03:53

Analysis Method/SOP: 205

Batch Identification: 1905030

**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)

<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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# Quality Control Potency

**Batch: 1905037 - 215-Concentrates**

Blank(1905037-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
delta 9-THC	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
delta 8-THC	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
THCV	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBD	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBDA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBDV	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBDVA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBN	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBG	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBGA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBC	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBCA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09
CBLA	< LOQ	0.4100	%		01/30/19 12:45	01/30/19 18:09

Reference(1905037-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.9	0.2428	%	80-120	01/30/19 12:45	01/30/19 18:31
delta 9-THC	103	0.2428	%	80-120	01/30/19 12:45	01/30/19 18:31
CBD	103	0.2428	%	80-120	01/30/19 12:45	01/30/19 18:31
CBDA	104	0.2428	%	80-120	01/30/19 12:45	01/30/19 18:31

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## Quality Control Pesticide Analysis

**Batch: 1905031 - 202**

Blank(1905031-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.08	ppm		01/30/19 10:08	02/01/19 14:04
DDVP (Dichlorvos)	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:01
Acephate	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Acequinocyl	< LOQ	0.08	ppm		01/30/19 10:08	02/01/19 14:04
Acetamiprid	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Aldicarb	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Azoxystrobin	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Bifenazate	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Bifenthrin	< LOQ	0.02	ppm		01/30/19 10:08	02/01/19 14:01
Boscalid	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:01
Carbaryl	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Carbofuran	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Chlorantraniliprole	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Chlorfenapyr	< LOQ	0.2	ppm		01/30/19 10:08	02/01/19 14:01
Chlorpyrifos	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Clofentezine	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Cyfluthrin	< LOQ	0.08	ppm		01/30/19 10:08	02/01/19 14:04
Cypermethrin	< LOQ	0.2	ppm		01/30/19 10:08	02/01/19 14:01
Daminozide	< LOQ	0.03	ppm		01/30/19 10:08	02/01/19 14:04
Diazinon	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Dimethoate	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Ethoprophos	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Etofenprox	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Etoxazole	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Fenoxycarb	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Fenpyroximate	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Fipronil	< LOQ	0.02	ppm		01/30/19 10:08	02/01/19 14:01
Flonicamid	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Fludioxonil	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Hexythiazox	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Imazalil	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Imidacloprid	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Kresoxim-methyl	< LOQ	0.02	ppm		01/30/19 10:08	02/01/19 14:01
Malathion	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Metalaxyl	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Methiocarb	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Methomyl	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Methyl parathion	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:01

Eric Wendt  
 Chief Science Officer - 2/4/2019



# Quality Control

## Pesticide Analysis (Continued)

Batch: 1905031 - 202 (Continued)

Blank(1905031-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:01
Myclobutanil	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Naled	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Oxamyl	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Paclobutrazol	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Permethrins	< LOQ	0.2	ppm		01/30/19 10:08	02/01/19 14:01
Phosmet	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Piperonyl butoxide	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Prallethrin	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Propiconazole	< LOQ	0.2	ppm		01/30/19 10:08	02/01/19 14:01
Propoxur	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Pyrethrins	< LOQ	0.08	ppm		01/30/19 10:08	02/01/19 14:04
Pyridaben	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Spinosad	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Spiromesifen	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Spirotetramat	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Spiroxamine	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Tebuconazole	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Thiacloprid	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Thiamethoxam	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04
Trifloxystrobin	< LOQ	0.01	ppm		01/30/19 10:08	02/01/19 14:04

LCS(1905031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	58.3	0.08	ppm	70-130	01/30/19 10:08	02/01/19 14:27
DDVP (Dichlorvos)	114	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Acephate	104	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Acequinocyl	17.1	0.08	ppm	5.57-33.8	01/30/19 10:08	02/01/19 14:27
Acetamiprid	114	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Aldicarb	98.3	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Azoxystrobin	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Bifenazate	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Bifenthrin	88.1	0.02	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Boscalid	75.5	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Carbaryl	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Carbofuran	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Chlorantraniliprole	153	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Chlorfenapyr	101	0.2	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Chlorpyrifos	112	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27

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# Quality Control

## Pesticide Analysis (Continued)

Batch: 1905031 - 202 (Continued)

LCS(1905031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	49.6	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Cyfluthrin	70.5	0.08	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Cypermethrin	94.7	0.2	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Daminozide	21.4	0.03	ppm	0-100	01/30/19 10:08	02/01/19 14:27
Diazinon	103	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Dimethoate	104	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Ethoprophos	97.3	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Etofenprox	111	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Etoxazole	120	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Fenoxycarb	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Fenpyroximate	88.4	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Fipronil	105	0.02	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Flonicamid	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Fludioxonil	119	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Hexythiazox	121	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Imazalil	99.8	0.01	ppm	57.9-96.4	01/30/19 10:08	02/01/19 14:27
Imidacloprid	106	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Kresoxim-methyl	108	0.02	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Malathion	101	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Metalaxyl	114	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Methiocarb	105	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Methomyl	103	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Methyl parathion	93.6	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:23
MGK-264	93.4	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Myclobutanil	105	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Naled	78.5	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Oxamyl	102	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Paclobutrazol	112	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Permethrins	81.8	0.2	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Phosmet	92.7	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Piperonyl butoxide	356	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Prallethrin	115	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Propiconazole	91.8	0.2	ppm	70-130	01/30/19 10:08	02/01/19 14:23
Propoxur	110	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Pyrethrins	101	0.08	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Pyridaben	105	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Spinosad	80.8	0.01	ppm	51-86	01/30/19 10:08	02/01/19 14:27
Spiromesifen	121	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27

Eric Wendt  
Chief Science Officer - 2/4/2019



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Green Leaf Lab proudly follows TNI 2009  
Quality Standards

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

**Batch: 1905031 - 202 (Continued)**

LCS(1905031-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	102	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Spiroxamine	78.6	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Tebuconazole	103	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Thiacloprid	108	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Thiamethoxam	105	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27
Trifloxystrobin	118	0.01	ppm	70-130	01/30/19 10:08	02/01/19 14:27

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Quality Standards

## Quality Control Solvent Analysis

**Batch: 1905030 - 205**

<b>Blank(1905030-BLK1)</b>						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Acetonitrile	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Benzene	< LOQ	0.5000	ppm		01/30/19 09:40	01/31/19 09:02
Butanes	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
2-Butanol	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Cumene	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Cyclohexane	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Dichloromethane	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
1,4-Dioxane	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
2-Ethoxyethanol	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Ethyl acetate	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Ethyl benzene	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Ethylene glycol	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Ethylene oxide	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Ethyl ether	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Heptane	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Hexanes	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Isopropyl acetate	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Methanol	< LOQ	100.0	ppm		01/30/19 09:40	01/31/19 09:02
Pentanes	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Propane	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
2-Propanol (IPA)	< LOQ	1000	ppm		01/30/19 09:40	01/31/19 09:02
Tetrahydrofuran	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Toluene	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02
Xylenes	< LOQ	50.00	ppm		01/30/19 09:40	01/31/19 09:02

<b>LCS(1905030-BS1)</b>						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	100	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Acetonitrile	106	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Benzene	105	0.5000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
n-Butane	106	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Butanes	106	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
2-Butanol	97.3	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Cumene	100	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Cyclohexane	102	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Dichloromethane	102	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
1,4-Dioxane	108	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
2-Ethoxyethanol	103	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51

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# Quality Control

## Solvent Analysis (Continued)

Batch: 1905030 - 205 (Continued)

LCS(1905030-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	100	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Ethyl benzene	100	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Ethylene glycol	111	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Ethylene oxide	102	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Ethyl ether	102	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Heptane	103	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
n-Hexane	102	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Hexanes	105	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
iso-Butane	105	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Isopropyl acetate	102	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
iso-Pentane	105	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Methanol	98.6	100.0	ppm	70-130	01/30/19 09:40	01/30/19 15:51
2-Methylpentane	104	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
3-Methylpentane	102	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
neo-Pentane	106	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
n-Pentane	104	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Pentanes	105	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Propane	99.6	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
2-Propanol (IPA)	100	1000	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Tetrahydrofuran	103	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Toluene	103	50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51
Xylenes		50.00	ppm	70-130	01/30/19 09:40	01/30/19 15:51

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