



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

## T Free Distillate 2095

*Evergreen State Holdings*

Date Sampled: 01/14/19 00:00

Date Accepted: 01/14/19

Sample ID: G9A0230-03

### Results at a Glance

Total CBD : 89.41 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt  
Chief Science Officer - 1/21/2019



12025 NE Marx St. Portland, OR 97220  
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

## T Free Distillate 2095

Date Sampled: 01/14/19 00:00

Date Accepted: 01/14/19

Evergreen State Holdings

M #: 1006659

Sample ID: G9A0230-03

Matrix: Extracts and Concentrates

### Potency Analysis

Date/Time Extracted: 01/15/19 11:08

Analysis Method/SOP: 215

Date/Time Analyzed: 01/17/19 06:51

Batch Identification: 1903021

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 89.4%, followed by CBC at 2.9%, CBN at 1.2%, and CBG at 0.9%. The total percentage is 94.4%.</p>
Total CBD ((CBDA*0.877)+CBD)	89.41	
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBD	89.41	
CBDA	< LOQ	
CBDV	< LOQ	
CBDVA	< LOQ	
CBN	1.225	
CBG	0.9210	
CBGA	< LOQ	
CBC	2.876	
CBCA	< LOQ	
CBLA	< LOQ	
Total Cannabinoids	94.43	

<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.

Eric Wendt  
Chief Science Officer - 1/21/2019



12025 NE Marx St. Portland, OR 97220  
 503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
 Quality Standards

## T Free Distillate 2095

**Evergreen State Holdings**

Date Sampled: 01/14/19  
 Date Accepted: 01/14/19  
 Results Valid Until: 01/14/20

M #: 1006659

Sample ID: G9A0230-03

Matrix: Extracts and Concentrates

### Pesticide Analysis in PPM

Date/Time Extracted: 01/17/19 14:24

Date/Time GC Analyzed: 01/18/19 12:01

Analysis Method/SOP: 202

Date/Time LC Analyzed: 01/20/19 04:21

Batch Identification: 1903063

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

Eric Wendt  
 Chief Science Officer - 1/21/2019



12025 NE Marx St. Portland, OR 97220  
 503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
 Quality Standards

## T Free Distillate 2095

Evergreen State Holdings

Date Sampled: 01/14/19  
 Date Accepted: 01/14/19  
 Results Valid Until: 01/14/20

M #: 1006659

Sample ID: G9A0230-03

Matrix: Extracts and Concentrates

### Pesticide Analysis in PPM

Date/Time Extracted: 01/17/19 14:24

Date/Time GC Analyzed: 01/18/19 12:01

Analysis Method/SOP: 202

Date/Time LC Analyzed: 01/20/19 04:21

Batch Identification: 1903063

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
Spinosyn A	< LOQ	0	0.01	
Spinosyn D	< LOQ	0	0.01	
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

<LOQ - Results below the Limit of Quantitation - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.

Eric Wendt  
 Chief Science Officer - 1/21/2019





12025 NE Marx St. Portland, OR 97220  
 503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
 Quality Standards

## T Free Distillate 2095

Evergreen State Holdings

Date Sampled: 01/14/19 00:00

Date Accepted: 01/14/19

M #: 1006659

Sample ID: G9A0230-03

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	0	

Date/Time Extracted: 01/15/19 14:13

Date/Time Analyzed: 01/17/19 00:22

Analysis Method/SOP: 205

Batch Identification: 1903032

**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.

Eric Wendt  
Chief Science Officer - 1/21/2019



# Quality Control Potency

Batch: 1903021 - 215-Concentrates

Blank(1903021-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
delta 9-THC	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
delta 8-THC	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
THCV	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBD	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBDA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBDV	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBDVA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBN	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBG	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBGA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBC	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBCA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33
CBLA	< LOQ	0.4100	%		01/15/19 11:08	01/17/19 02:33

Reference(1903021-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	104	0.2448	%	80-120	01/15/19 11:08	01/17/19 02:56
delta 9-THC	98.0	0.2448	%	80-120	01/15/19 11:08	01/17/19 02:56
CBD	99.8	0.2448	%	80-120	01/15/19 11:08	01/17/19 02:56
CBDA	102	0.2448	%	80-120	01/15/19 11:08	01/17/19 02:56

Eric Wendt  
Chief Science Officer - 1/21/2019



# Quality Control Pesticide Analysis

Batch: 1903063 - 202

Blank(1903063-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.08	ppm		01/17/19 14:24	01/19/19 22:29
DDVP (Dichlorvos)	< LOQ	0.01	ppm		01/17/19 14:24	01/18/19 05:45
Acephate	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Acequinocyl	< LOQ	0.08	ppm		01/17/19 14:24	01/19/19 22:29
Acetamiprid	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Aldicarb	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Azoxystrobin	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Bifenazate	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Bifenthrin	< LOQ	0.02	ppm		01/17/19 14:24	01/18/19 05:45
Boscalid	< LOQ	0.01	ppm		01/17/19 14:24	01/18/19 05:45
Carbaryl	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Carbofuran	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Chlorantraniliprole	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Chlorfenapyr	< LOQ	0.2	ppm		01/17/19 14:24	01/18/19 05:45
Chlorpyrifos	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Clofentezine	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Cyfluthrin	< LOQ	0.08	ppm		01/17/19 14:24	01/19/19 22:29
Cypermethrin	< LOQ	0.2	ppm		01/17/19 14:24	01/18/19 05:45
Daminozide	< LOQ	0.03	ppm		01/17/19 14:24	01/19/19 22:29
Diazinon	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Dimethoate	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Ethoprophos	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Etofenprox	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Etoxazole	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Fenoxycarb	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Fenpyroximate	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Fipronil	< LOQ	0.02	ppm		01/17/19 14:24	01/18/19 05:45
Flonicamid	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Fludioxonil	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Hexythiazox	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Imazalil	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Imidacloprid	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Kresoxim-methyl	< LOQ	0.02	ppm		01/17/19 14:24	01/18/19 05:45
Malathion	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Metalaxyl	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Methiocarb	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Methomyl	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Methyl parathion	< LOQ	0.01	ppm		01/17/19 14:24	01/18/19 05:45

Eric Wendt  
Chief Science Officer - 1/21/2019



# Quality Control

## Pesticide Analysis (Continued)

Batch: 1903063 - 202 (Continued)

Blank(1903063-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.01	ppm		01/17/19 14:24	01/18/19 05:45
Myclobutanil	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Naled	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Oxamyl	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Paclobutrazol	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Permethrins	< LOQ	0.2	ppm		01/17/19 14:24	01/18/19 05:45
Phosmet	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Piperonyl butoxide	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Prallethrin	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Spinosyn A	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Propiconazole	< LOQ	0.2	ppm		01/17/19 14:24	01/18/19 05:45
Spinosyn D	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Propoxur	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Pyrethrins	< LOQ	0.08	ppm		01/17/19 14:24	01/19/19 22:29
Pyridaben	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Spinosad	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Spiromesifen	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Spirotetramat	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Spiroxamine	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Tebuconazole	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Thiacloprid	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Thiamethoxam	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29
Trifloxystrobin	< LOQ	0.01	ppm		01/17/19 14:24	01/19/19 22:29

LCS(1903063-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	76.7	0.08	ppm	7-141	01/17/19 14:24	01/19/19 22:50
DDVP (Dichlorvos)	110	0.01	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Acephate	81.4	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Acequinocyl	16.5	0.08	ppm	0-111	01/17/19 14:24	01/19/19 22:50
Acetamiprid	86.3	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Aldicarb	85.6	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Azoxystrobin	87.8	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Bifenazate	83.7	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Bifenthrin	99.7	0.02	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Boscalid	75.4	0.01	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Carbaryl	88.2	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Carbofuran	88.5	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Chlorantraniliprole	70.6	0.01	ppm	26-131	01/17/19 14:24	01/19/19 22:50

Eric Wendt  
Chief Science Officer - 1/21/2019





12025 NE Marx St. Portland, OR 97220  
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

# Quality Control

## Pesticide Analysis (Continued)

Batch: 1903063 - 202 (Continued)

LCS(1903063-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	80.4	0.2	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Chlorpyrifos	82.3	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Clofentezine	30.4	0.01	ppm	35-118	01/17/19 14:24	01/19/19 22:50
Cyfluthrin	104	0.08	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Cypermethrin	73.7	0.2	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Daminozide	139	0.03	ppm	0-100	01/17/19 14:24	01/19/19 22:50
Diazinon	80.6	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Dimethoate	83.4	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Ethoprophos	78.8	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Etofenprox	108	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Etoxazole	85.5	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Fenoxycarb	81.5	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Fenpyroximate	66.9	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Fipronil	81.0	0.02	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Flonicamid	83.0	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Fludioxonil	91.6	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Hexythiazox	85.7	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Imazalil	77.0	0.01	ppm	31-103	01/17/19 14:24	01/19/19 22:50
Imidacloprid	84.2	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Kresoxim-methyl	86.1	0.02	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Malathion	86.9	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Metalaxyl	83.3	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Methiocarb	103	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Methomyl	83.5	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Methyl parathion	75.8	0.01	ppm	70-130	01/17/19 14:24	01/18/19 06:07
MGK-264	82.8	0.01	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Myclobutanil	80.1	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Naled	63.6	0.01	ppm	0-103	01/17/19 14:24	01/19/19 22:50
Oxamyl	85.8	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Paclobutrazol	80.0	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Permethrins	74.4	0.2	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Phosmet	81.0	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Piperonyl butoxide	71.4	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Prallethrin	84.3	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Spinosyn A		0.01	ppm	0-200	01/17/19 14:24	01/19/19 22:50
Propiconazole	84.9	0.2	ppm	70-130	01/17/19 14:24	01/18/19 06:07
Spinosyn D		0.01	ppm	0-200	01/17/19 14:24	01/19/19 22:50
Propoxur	87.2	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50

Eric Wendt  
Chief Science Officer - 1/21/2019



12025 NE Marx St. Portland, OR 97220  
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

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

**Batch: 1903063 - 202 (Continued)**

LCS(1903063-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Pyrethrins	79.1	0.08	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Pyridaben	82.8	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Spinosad	62.5	0.01	ppm	24-91	01/17/19 14:24	01/19/19 22:50
Spiromesifen	77.6	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Spirotetramat	76.3	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Spiroxamine	69.3	0.01	ppm	15-95	01/17/19 14:24	01/19/19 22:50
Tebuconazole	80.4	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Thiacloprid	88.1	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Thiamethoxam	87.2	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50
Trifloxystrobin	84.4	0.01	ppm	70-130	01/17/19 14:24	01/19/19 22:50

Eric Wendt  
Chief Science Officer - 1/21/2019

12025 NE Marx St. Portland, OR 97220  
503-253-3511 / www.greenleaflab.orgGreen Leaf Lab proudly follows TNI 2009  
Quality Standards

## Quality Control Solvent Analysis

**Batch: 1903032 - 205**

<b>Blank(1903032-BLK1)</b>						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Acetonitrile	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Benzene	< LOQ	0.5000	ppm		01/15/19 14:13	01/17/19 11:26
Butanes	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
2-Butanol	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Cumene	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Cyclohexane	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Dichloromethane	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
1,4-Dioxane	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
2-Ethoxyethanol	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Ethyl acetate	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Ethyl benzene	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Ethylene glycol	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Ethylene oxide	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Ethyl ether	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Heptane	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Hexanes	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Isopropyl acetate	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Methanol	< LOQ	100.0	ppm		01/15/19 14:13	01/17/19 11:26
Pentanes	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Propane	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
2-Propanol (IPA)	< LOQ	1000	ppm		01/15/19 14:13	01/17/19 11:26
Tetrahydrofuran	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Toluene	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26
Xylenes	< LOQ	50.00	ppm		01/15/19 14:13	01/17/19 11:26

<b>LCS(1903032-BS1)</b>						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	94.9	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Acetonitrile	98.5	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Benzene	101	0.5000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
n-Butane	98.0	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Butanes	99.6	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
2-Butanol	92.0	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Cumene	96.1	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Cyclohexane	97.7	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Dichloromethane	95.2	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
1,4-Dioxane	103	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
2-Ethoxyethanol	96.7	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18

Eric Wendt  
Chief Science Officer - 1/21/2019



# Quality Control

## Solvent Analysis (Continued)

Batch: 1903032 - 205 (Continued)

LCS(1903032-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	95.7	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Ethyl benzene	95.0	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Ethylene glycol	117	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Ethylene oxide	91.9	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Ethyl ether	95.0	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Heptane	94.0	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
n-Hexane	95.3	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Hexanes	98.2	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
iso-Butane	101	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Isopropyl acetate	94.7	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
iso-Pentane	95.6	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Methanol	85.9	100.0	ppm	70-130	01/15/19 14:13	01/16/19 12:18
2-Methylpentane	97.6	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
3-Methylpentane	95.4	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
neo-Pentane	101	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
n-Pentane	96.2	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Pentanes	97.6	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Propane	102	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
2-Propanol (IPA)	93.9	1000	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Tetrahydrofuran	94.7	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Toluene	98.5	50.00	ppm	70-130	01/15/19 14:13	01/16/19 12:18
Xylenes		50.00	ppm	70-200	01/15/19 14:13	01/16/19 12:18

Eric Wendt  
Chief Science Officer - 1/21/2019