



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Frida Botanicals Hemp CBD Tincture

Frida LLC

Date Sampled: 06/22/18 00:00

Date Accepted: 06/22/18

Results Valid Until: 06/22/19

Sample ID: G8F0254-01

Harvest Date: Lot #1 June 2018

Results at a Glance

Total CBD : 3.279 %

Pesticides : PASS

Residual Solvent Analysis : PASS

R&D Testing Only - Not Viable for Oregon Compliance Testing

Eric Wendt
Chief Science Officer - 6/29/2018



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Date Sampled: 06/22/18 00:00

Date Accepted: 06/22/18

Results Valid Until: 06/22/19

M #: M#1002872

Sample ID: G8F0254-01

Matrix: Extracts and Concentrates

Harvest Date: Lot #1 June 2018

Potency Analysis

Date/Time Extracted: 06/26/18 11:39

Analysis Method/SOP: 215

Date/Time Analyzed: 06/26/18 18:42

Batch Identification: 1826013

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	< LOQ	
Total CBD ((CBDA*0.877)+CBD)	3.279	
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBD	3.279	
CBDA	< LOQ	
CBDV	< LOQ	
CBDVA	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBGA	< LOQ	
CBC	< LOQ	
CBCA	< LOQ	
CBLA	< LOQ	
Total Cannabinoids	3.279	

<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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Results Valid Until: 06/22/19

Frida LLC

M #: M#1002872

Sample ID: G8F0254-01

Matrix: Extracts and Concentrates

Harvest Date: Lot #1 June 2018

Pesticide Analysis in PPM

Date/Time Extracted: 06/25/18 10:10

Date/Time GC Analyzed: 06/26/18 09:57

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/26/18 14:15

Batch Identification: 1826002

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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Matrix: Extracts and Concentrates

Harvest Date: Lot #1 June 2018

Pesticide Analysis in PPM

Date/Time Extracted: 06/25/18 10:10

Date/Time GC Analyzed: 06/26/18 09:57

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/26/18 14:15

Batch Identification: 1826002

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

<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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Sample ID: G8F0254-01

Matrix: Extracts and Concentrates

Harvest Date: Lot #1 June 2018

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 ³	
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 ⁴	
Isopropyl acetate	< LOQ	1000	5000	
Methanol	< LOQ	100.0	3000	
Pentanes	< LOQ	1000	5000 ⁵	
Propane	< LOQ	1000	5000	
2-Propanol (IPA)	< LOQ	1000	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	

Date/Time Extracted: 06/26/18 10:10

Date/Time Analyzed: 06/27/18 09:45

Analysis Method/SOP: 205

Batch Identification: 1826010

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: 1826013 - 215-Concentrates

Blank(1826013-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
delta 9-THC	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
delta 8-THC	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
THCV	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBD	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBDA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBDV	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBDVA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBN	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBG	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBGA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBC	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBCA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09
CBLA	< LOQ	0.4000	%		06/26/18 11:39	06/26/18 17:09

LCS(1826013-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	92.3	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:21
delta 9-THC	101	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:21
CBD	98.1	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:21
CBDA	99.7	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:21

LCS(1826013-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	89.8	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:32
delta 9-THC	97.8	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:32
CBD	95.3	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:32
CBDA	97.1	0.0100	%	80-120	06/26/18 11:39	06/26/18 17:32

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Quality Control Pesticide Analysis

Batch: 1826002 - 203

Blank(1826002-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
DDVP (Dichlorvos)	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Acephate	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Acequinocyl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Acetamiprid	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Aldicarb	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Azoxystrobin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Bifenazate	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Bifenthrin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Boscalid	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Carbaryl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Carbofuran	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Chlorantraniliprole	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Chlorfenapyr	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Chlorpyrifos	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Clofentezine	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Cyfluthrin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Cypermethrin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Daminozide	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Diazinon	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Dimethoate	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Ethoprophos	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Etofenprox	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Etoxazole	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Fenoxycarb	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Fenpyroximate	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Fipronil	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Fonicamid	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Fludioxonil	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Hexythiazox	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Imazalil	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Imidacloprid	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Kresoxim-methyl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Malathion	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Metalaxyl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Methiocarb	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Methomyl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Methyl parathion	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59

Eric Wendt
Chief Science Officer - 6/29/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1826002 - 203 (Continued)

Blank(1826002-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Myclobutanil	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Naled	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Oxamyl	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Paclobutrazol	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Permethrins	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Phosmet	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Piperonyl butoxide	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Prallethrin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Propiconazole	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 02:59
Propoxur	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Pyrethrins	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Pyridaben	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Spinosad	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Spiromesifen	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Spirotetramat	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Spiroxamine	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Tebuconazole	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Thiacloprid	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Thiamethoxam	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44
Trifloxystrobin	< LOQ	0.1	ppm		06/25/18 10:10	06/26/18 09:44

LCS(1826002-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	102	0.1	ppm	7-141	06/25/18 10:10	06/26/18 09:57
DDVP (Dichlorvos)	96.4	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Acephate	90.5	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Acequinocyl	70.2	0.1	ppm	0-111	06/25/18 10:10	06/26/18 09:57
Acetamiprid	100	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Aldicarb	112	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Azoxystrobin	102	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Bifenazate	82.9	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Bifenthrin	140	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Boscalid	85.2	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Carbaryl	107	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Carbofuran	101	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Chlorantraniliprole	50.7	0.1	ppm	26-131	06/25/18 10:10	06/26/18 09:57
Chlorfenapyr	85.8	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Chlorpyrifos	92.3	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21

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Chief Science Officer - 6/29/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1826002 - 203 (Continued)

LCS(1826002-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	60.0	0.1	ppm	35-118	06/25/18 10:10	06/26/18 09:57
Cyfluthrin	94.4	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Cypermethrin	94.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Daminozide	7.23	0.1	ppm	0-100	06/25/18 10:10	06/26/18 09:57
Diazinon	99.4	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Dimethoate	107	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Ethoprophos	90.6	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Etofenprox	88.0	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Etoxazole	89.5	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Fenoxycarb	89.6	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Fenpyroximate	78.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Fipronil	102	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Flonicamid	112	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Fludioxonil	83.7	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Hexythiazox	86.3	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Imazalil	56.5	0.1	ppm	31-103	06/25/18 10:10	06/26/18 09:57
Imidacloprid	99.9	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Kresoxim-methyl	100	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Malathion	97.3	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Metalaxyl	93.0	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Methiocarb	107	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Methomyl	108	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Methyl parathion	91.9	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
MGK-264	95.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Myclobutanil	95.3	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Naled	43.4	0.1	ppm	0-103	06/25/18 10:10	06/26/18 03:21
Oxamyl	103	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Paclobutrazol	86.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Permethrins	87.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Phosmet	101	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Piperonyl butoxide	92.7	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Prallethrin	110	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Propiconazole	85.4	0.1	ppm	70-130	06/25/18 10:10	06/26/18 03:21
Propoxur	99.4	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Pyrethrins	95.6	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Pyridaben	87.6	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Spinosad	55.9	0.1	ppm	24-91	06/25/18 10:10	06/26/18 09:57
Spiromesifen	91.6	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57

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Chief Science Officer - 6/29/2018



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: 1826002 - 203 (Continued)

LCS(1826002-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	87.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Spiroxamine	62.1	0.1	ppm	15-95	06/25/18 10:10	06/26/18 09:57
Tebuconazole	74.1	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Thiacloprid	101	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Thiamethoxam	116	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57
Trifloxystrobin	94.8	0.1	ppm	70-130	06/25/18 10:10	06/26/18 09:57

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Quality Control Solvent Analysis

Batch: 1826010 - 205

Blank(1826010-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Acetonitrile	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Benzene	< LOQ	0.5000	ppm		06/26/18 10:10	06/27/18 09:45
Butanes	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
2-Butanol	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Cumene	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Cyclohexane	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Dichloromethane	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
1,4-Dioxane	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
2-Ethoxyethanol	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Ethyl acetate	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Ethylene glycol	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Ethylene oxide	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Ethyl ether	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Heptane	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Hexanes	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Isopropyl acetate	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Methanol	< LOQ	100.0	ppm		06/26/18 10:10	06/27/18 09:45
Pentanes	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Propane	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
2-Propanol (IPA)	< LOQ	1000	ppm		06/26/18 10:10	06/27/18 09:45
Tetrahydrofuran	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45
Toluene	< LOQ	50.00	ppm		06/26/18 10:10	06/27/18 09:45

LCS(1826010-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	102	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Acetonitrile	104	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Benzene	102	0.5000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
n-Butane	105	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Butanes	105	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
2-Butanol	97.5	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Cumene	91.3	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Cyclohexane	99.8	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Dichloromethane	103	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
1,4-Dimethylbenzene	95.1	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
1,4-Dioxane	99.0	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
2-Ethoxyethanol	98.3	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Ethyl acetate	99.7	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33

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Quality Control

Solvent Analysis (Continued)

Batch: 1826010 - 205 (Continued)

LCS(1826010-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	91.9	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Ethylene glycol	111	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Ethylene oxide	104	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Ethyl ether	101	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Heptane	103	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
n-Hexane	102	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Hexanes	102	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
iso-Butane	105	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Isopropyl acetate	103	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
iso-Pentane	101	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Methanol	99.8	100.0	ppm	70-130	06/26/18 10:10	06/26/18 14:33
2-Methylpentane	103	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
3-Methylpentane	102	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
neo-Pentane	103	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
n-Pentane	100	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Pentanes	101	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Propane	109	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
2-Propanol (IPA)	105	1000	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Tetrahydrofuran	100	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33
Toluene	95.5	50.00	ppm	70-130	06/26/18 10:10	06/26/18 14:33

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