



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Tangie CO2 Oil Duplicate

OM Extracts

Sample ID: G8A0198-02

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Results at a Glance

Total THC : 62.49 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt
Chief Science Officer - 1/26/2018



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Tangie CO2 Oil Duplicate

OM Extracts

Sample ID: G8A0198-02

Matrix: Extracts and Concentrates

Test RFID: 0027

Source RFID: 1A4010300014ADD000000026

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Potency Analysis

Date/Time Extracted: 01/24/18 11:18

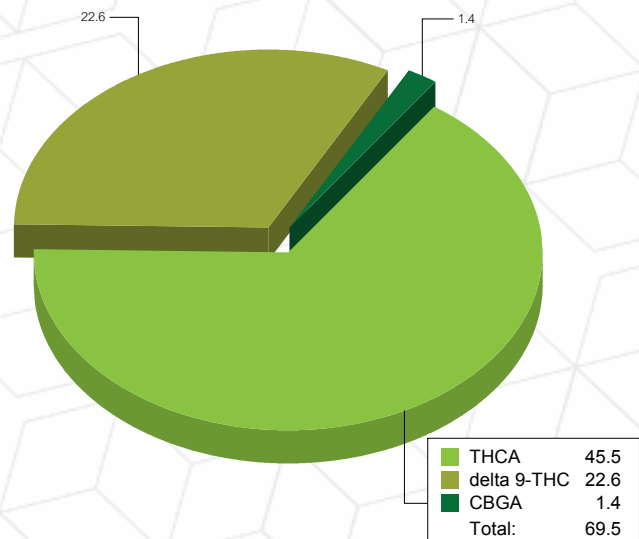
Analysis Method/SOP: 215

Date/Time Analyzed: 01/24/18 18:19

Batch Identification: 1804024

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
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Total THC ((THCA*0.877)+Δ9)	62.49	
Total CBD ((CBDA*0.877)+CBD)	< LOQ	
THCA	45.48	
delta 9-THC	22.61	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	1.382	
CBDA	< LOQ	
CBD	< LOQ	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	69.47	



<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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OM Extracts

Sample ID: G8A0198-02

Matrix: Extracts and Concentrates

Test RFID: 0027

Source RFID: 1A4010300014ADD000000026

Pesticide Analysis in PPM

Date/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:49

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:27

Batch Identification: 1804010

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	0.2	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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Results Valid Until: 01/22/19

OM Extracts

Sample ID: G8A0198-02

Matrix: Extracts and Concentrates

Test RFID: 0027

Source RFID: 1A4010300014ADD000000026

Pesticide Analysis in PPM

Date/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:49

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:27

Batch Identification: 1804010

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 insectide and molluscicide
Thiamethoxam	< LOQ	0.2	0.1	Neonicotinoid insectide
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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OM Extracts

Sample ID: G8A0198-02

Matrix: Extracts and Concentrates

Test RFID: 0027

Source RFID: 1A4010300014ADD000000026

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

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 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: 01/23/18 13:12
 Date/Time Analyzed: 01/24/18 07:32
 Analysis Method/SOP: 205
 Batch Identification: 1804017

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: 1804024 - 215-Concentrates

Blank(1804024-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 9-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 8-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBGA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
THCV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBD	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBN	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBG	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21

LCS(1804024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	103	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
delta 9-THC	106	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBDA	110	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBD	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32

LCS(1804024-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.5	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
delta 9-THC	102	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBDA	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBD	101	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44

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Quality Control Pesticide Analysis

Batch: 1804010 - 203

Blank(1804010-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
DDVP (Dichlorvos)	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Acephate	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Acequinocyl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Acetamiprid	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Aldicarb	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Azoxystrobin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Bifenazate	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Bifenthrin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Boscalid	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Carbaryl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Carbofuran	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Chlorantraniliprole	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Chlorfenapyr	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Chlorpyrifos	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Clofentezine	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Cyfluthrin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Cypermethrin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Daminozide	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Diazinon	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Dimethoate	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Ethoprophos	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Etofenprox	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Etoxazole	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Fenoxycarb	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Fenpyroximate	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Fipronil	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Fonicamid	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Fludioxonil	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Hexythiazox	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Imazalil	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Imidacloprid	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Kresoxim-methyl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Malathion	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Metalaxyl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Methiocarb	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Methomyl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Methyl parathion	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42

Eric Wendt
Chief Science Officer - 1/26/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1804010 - 203 (Continued)

Blank(1804010-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Myclobutanil	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Naled	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Oxamyl	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Paclobutrazol	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Permethrins	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Phosmet	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Piperonyl butoxide	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Prallethrin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Propiconazole	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 01:42
Propoxur	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Pyrethrins	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Pyridaben	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Spinosad	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Spiromesifen	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Spirotetramat	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Spiroxamine	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Tebuconazole	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Thiacloprid	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Thiamethoxam	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17
Trifloxystrobin	< LOQ	0.1	ppm		01/23/18 10:05	01/24/18 21:17

LCS(1804010-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	64.3	0.1	ppm	7-141	01/23/18 10:05	01/24/18 21:30
DDVP (Dichlorvos)	77.1	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Acephate	78.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Acequinocyl	60.2	0.1	ppm	0-111	01/23/18 10:05	01/24/18 21:30
Acetamiprid	93.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Aldicarb	93.4	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Azoxystrobin	91.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Bifenazate	158	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Bifenthrin	73.9	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Boscalid	88.9	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Carbaryl	83.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Carbofuran	86.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Chlorantraniliprole	78.7	0.1	ppm	26-131	01/23/18 10:05	01/24/18 21:30
Chlorfenapyr	77.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Chlorpyrifos	85.4	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04

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Quality Control

Pesticide Analysis (Continued)

Batch: 1804010 - 203 (Continued)

LCS(1804010-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	55.2	0.1	ppm	35-118	01/23/18 10:05	01/24/18 21:30
Cyfluthrin	89.7	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Cypermethrin	93.8	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Daminozide	10.0	0.1	ppm	0-100	01/23/18 10:05	01/24/18 21:30
Diazinon	91.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Dimethoate	89.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Ethoprophos	82.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Etofenprox	74.9	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Etoxazole	77.4	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Fenoxycarb	87.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Fenpyroximate	69.4	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Fipronil	85.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Flonicamid	91.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Fludioxonil	77.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Hexythiazox	79.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Imazalil	47.1	0.1	ppm	31-103	01/23/18 10:05	01/24/18 21:30
Imidacloprid	98.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Kresoxim-methyl	85.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Malathion	71.8	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Metalaxyl	76.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Methiocarb	91.7	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Methomyl	88.8	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Methyl parathion	82.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
MGK-264	81.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Myclobutanil	82.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Naled	75.1	0.1	ppm	0-103	01/23/18 10:05	01/24/18 02:04
Oxamyl	91.1	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Paclobutrazol	73.4	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Permethrins	90.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Phosmet	90.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Piperonyl butoxide	94.8	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Prallethrin	96.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Propiconazole	77.9	0.1	ppm	70-130	01/23/18 10:05	01/24/18 02:04
Propoxur	94.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Pyrethrins	98.6	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Pyridaben	79.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Spinosad	44.4	0.1	ppm	24-91	01/23/18 10:05	01/24/18 21:30
Spiromesifen	91.5	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30

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Chief Science Officer - 1/26/2018



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Green Leaf Lab proudly follows TNI 2009
Quality Standards

Quality Control
Pesticide Analysis (Continued)

Batch: 1804010 - 203 (Continued)

LCS(1804010-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	89.2	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Spiroxamine	53.1	0.1	ppm	15-95	01/23/18 10:05	01/24/18 21:30
Tebuconazole	78.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Thiacloprid	89.0	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Thiamethoxam	89.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30
Trifloxystrobin	85.3	0.1	ppm	70-130	01/23/18 10:05	01/24/18 21:30

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Quality Standards

Quality Control Solvent Analysis

Batch: 1804017 - 205

Blank(1804017-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Acetonitrile	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Benzene	< LOQ	0.5000	ppm		01/23/18 13:12	01/24/18 09:56
Butanes	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
2-Butanol	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Cumene	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Cyclohexane	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Dichloromethane	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
1,4-Dioxane	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
2-Ethoxyethanol	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Ethyl acetate	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Ethylene glycol	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Ethylene oxide	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Ethyl ether	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Heptane	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Hexanes	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Isopropyl acetate	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Methanol	< LOQ	100.0	ppm		01/23/18 13:12	01/24/18 09:56
Pentanes	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Propane	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
2-Propanol (IPA)	< LOQ	1000	ppm		01/23/18 13:12	01/24/18 09:56
Tetrahydrofuran	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56
Toluene	< LOQ	50.00	ppm		01/23/18 13:12	01/24/18 09:56

LCS(1804017-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	108	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Acetonitrile	113	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Benzene	103	0.5000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
n-Butane	116	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Butanes	116	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
2-Butanol	105	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Cumene	105	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Cyclohexane	106	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Dichloromethane	108	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
1,4-Dimethylbenzene	99.3	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
1,4-Dioxane	112	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
2-Ethoxyethanol	113	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Ethyl acetate	106	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59

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Quality Control

Solvent Analysis (Continued)

Batch: 1804017 - 205 (Continued)

LCS(1804017-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	98.7	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Ethylene glycol	128	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Ethylene oxide	112	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Ethyl ether	109	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Heptane	108	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
n-Hexane	109	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Hexanes	106	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
iso-Butane	117	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Isopropyl acetate	106	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
iso-Pentane	112	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Methanol	109	100.0	ppm	70-130	01/23/18 13:12	01/23/18 18:59
2-Methylpentane	109	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
3-Methylpentane	109	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
neo-Pentane	112	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
n-Pentane	111	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Pentanes	112	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Propane	120	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
2-Propanol (IPA)	108	1000	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Tetrahydrofuran	108	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59
Toluene	104	50.00	ppm	70-130	01/23/18 13:12	01/23/18 18:59

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