



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

East Coast Sour Diesel FECO Duplicate

OM Extracts

Sample ID: G8E0122-02

Date Sampled: 05/10/18 00:00

Date Accepted: 05/10/18

Results Valid Until: 05/10/19

Results at a Glance

Total THC : 52.49 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt
Chief Science Officer - 5/16/2018



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Date Sampled: 05/10/18 00:00

Date Accepted: 05/10/18

Results Valid Until: 05/10/19

OM Extracts

Sample ID: G8E0122-02

Matrix: Extracts and Concentrates

Test RFID: 3560

Source RFID: 1A4010300014ADD000003559

Potency Analysis

Date/Time Extracted: 05/11/18 12:03

Analysis Method/SOP: 215

Date/Time Analyzed: 05/12/18 03:47

Batch Identification: 1819042

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	52.49	<p>A 3D pie chart illustrating the cannabinoid profile. The chart is divided into two segments: a larger green segment representing THCA at 32.0% and a smaller olive-green segment representing delta 9-THC at 24.4%. A legend to the right of the chart lists these values and the total of 56.4%.</p>
Total CBD ((CBDA*0.877)+CBD)	< LOQ	
THCA	32.00	
delta 9-THC	24.43	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	< LOQ	
CBDA	< LOQ	
CBD	< LOQ	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	56.43	

<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.

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East Coast Sour Diesel FECO Duplicate

Date Sampled: 05/10/18
 Date Accepted: 05/10/18
 Results Valid Until: 05/10/19

OM Extracts

Sample ID: G8E0122-02 Matrix: Extracts and Concentrates Test RFID: 3560
 Source RFID: 1A4010300014ADD000003559

Pesticide Analysis in PPM

Date/Time Extracted: 05/11/18 10:02

Date/Time GC Analyzed: 05/15/18 16:02

Analysis Method/SOP: 203

Date/Time LC Analyzed: 05/15/18 01:54

Batch Identification: 1819036

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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East Coast Sour Diesel FECO Duplicate

Date Sampled: 05/10/18
 Date Accepted: 05/10/18
 Results Valid Until: 05/10/19

OM Extracts

Sample ID: G8E0122-02 Matrix: Extracts and Concentrates Test RFID: 3560
 Source RFID: 1A4010300014ADD000003559

Pesticide Analysis in PPM

Date/Time Extracted: 05/11/18 10:02

Date/Time GC Analyzed: 05/15/18 16:02

Analysis Method/SOP: 203

Date/Time LC Analyzed: 05/15/18 01:54

Batch Identification: 1819036

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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OM Extracts

Sample ID: G8E0122-02

Matrix: Extracts and Concentrates

Test RFID: 3560

Source RFID: 1A4010300014ADD000003559

Date Sampled: 05/10/18 00:00

Date Accepted: 05/10/18

Results Valid Until: 05/10/19

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: 05/11/18 15:18
 Date/Time Analyzed: 05/15/18 06:35
 Analysis Method/SOP: 205
 Batch Identification: 1819046

3 - Total butanes should be calculated as sum of n-butanenes (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: 1819042 - 215-Concentrates

Blank(1819042-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
delta 9-THC	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
delta 8-THC	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBGA	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
THCV	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBDA	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBD	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBDV	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBN	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBG	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14
CBC	< LOQ	0.8000	%		05/11/18 12:03	05/12/18 02:14

LCS(1819042-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	104	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:26
delta 9-THC	106	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:26
CBDA	105	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:26
CBD	106	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:26

LCS(1819042-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:37
delta 9-THC	102	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:37
CBDA	101	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:37
CBD	102	0.0100	%	80-120	05/11/18 12:03	05/12/18 02:37

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Quality Control Pesticide Analysis

Batch: 1819036 - 203

Blank(1819036-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
DDVP (Dichlorvos)	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Acephate	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Acequinocyl	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Acetamiprid	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Aldicarb	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Azoxystrobin	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Bifenazate	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Bifenthrin	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Boscalid	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Carbaryl	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Carbofuran	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Chlorantraniliprole	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Chlorfenapyr	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Chlorpyrifos	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Clofentezine	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Cyfluthrin	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Cypermethrin	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Daminozide	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Diazinon	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Dimethoate	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Ethoprophos	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Etofenprox	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Etoxazole	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Fenoxycarb	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Fenpyroximate	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Fipronil	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Fonicamid	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Fludioxonil	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Hexythiazox	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Imazalil	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Imidacloprid	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Kresoxim-methyl	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Malathion	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Metalaxyl	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Methiocarb	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Methomyl	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Methyl parathion	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21

Eric Wendt
Chief Science Officer - 5/16/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1819036 - 203 (Continued)

Blank(1819036-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Myclobutanil	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Naled	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Oxamyl	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Paclobutrazol	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Permethrins	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Phosmet	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Piperonyl butoxide	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Prallethrin	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Propiconazole	< LOQ	0.1	ppm		05/11/18 10:02	05/15/18 08:21
Propoxur	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Pyrethrins	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Pyridaben	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Spinosad	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Spiromesifen	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Spirotetramat	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Spiroxamine	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Tebuconazole	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Thiacloprid	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Thiamethoxam	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23
Trifloxystrobin	< LOQ	0.1	ppm		05/11/18 10:02	05/14/18 21:23

LCS(1819036-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	83.2	0.1	ppm	7-141	05/11/18 10:02	05/14/18 21:36
DDVP (Dichlorvos)	104	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Acephate	97.7	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Acequinocyl	90.7	0.1	ppm	0-111	05/11/18 10:02	05/14/18 21:36
Acetamiprid	115	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Aldicarb	110	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Azoxystrobin	113	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Bifenazate	93.4	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Bifenthrin	152	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Boscalid	84.5	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Carbaryl	109	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Carbofuran	117	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Chlorantraniliprole	142	0.1	ppm	26-131	05/11/18 10:02	05/14/18 21:36
Chlorfenapyr	99.6	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Chlorpyrifos	114	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43

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Quality Control

Pesticide Analysis (Continued)

Batch: 1819036 - 203 (Continued)

LCS(1819036-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	98.7	0.1	ppm	35-118	05/11/18 10:02	05/14/18 21:36
Cyfluthrin	97.3	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Cypermethrin	92.7	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Daminozide	12.4	0.1	ppm	0-100	05/11/18 10:02	05/14/18 21:36
Diazinon	99.7	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Dimethoate	118	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Ethoprophos	110	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Etofenprox	100	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Etoxazole	99.1	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Fenoxycarb	111	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Fenpyroximate	92.8	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Fipronil	108	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Flonicamid	120	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Fludioxonil	101	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Hexythiazox	102	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Imazalil	85.4	0.1	ppm	31-103	05/11/18 10:02	05/14/18 21:36
Imidacloprid	102	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Kresoxim-methyl	107	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Malathion	105	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Metalaxyl	108	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Methiocarb	104	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Methomyl	103	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Methyl parathion	112	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
MGK-264	99.1	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Myclobutanil	107	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Naled	124	0.1	ppm	0-103	05/11/18 10:02	05/15/18 08:43
Oxamyl	111	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Paclobutrazol	97.1	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Permethrins	103	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Phosmet	106	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Piperonyl butoxide	100	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Prallethrin	102	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Propiconazole	94.2	0.1	ppm	70-130	05/11/18 10:02	05/15/18 08:43
Propoxur	120	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Pyrethrins	110	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Pyridaben	95.8	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Spinosad	69.6	0.1	ppm	24-91	05/11/18 10:02	05/14/18 21:36
Spiromesifen	104	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36

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Chief Science Officer - 5/16/2018



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Quality Standards

Quality Control
Pesticide Analysis (Continued)

Batch: 1819036 - 203 (Continued)

LCS(1819036-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	104	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Spiroxamine	75.6	0.1	ppm	15-95	05/11/18 10:02	05/14/18 21:36
Tebuconazole	111	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Thiacloprid	110	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Thiamethoxam	108	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36
Trifloxystrobin	105	0.1	ppm	70-130	05/11/18 10:02	05/14/18 21:36

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Quality Control Solvent Analysis

Batch: 1819046 - 205

Blank(1819046-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Acetonitrile	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Benzene	< LOQ	0.5000	ppm		05/11/18 15:18	05/15/18 11:54
Butanes	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
2-Butanol	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Cumene	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Cyclohexane	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Dichloromethane	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
1,4-Dioxane	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
2-Ethoxyethanol	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Ethyl acetate	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Ethylene glycol	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Ethylene oxide	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Ethyl ether	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Heptane	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Hexanes	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Isopropyl acetate	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Methanol	< LOQ	100.0	ppm		05/11/18 15:18	05/15/18 11:54
Pentanes	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Propane	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
2-Propanol (IPA)	< LOQ	1000	ppm		05/11/18 15:18	05/15/18 11:54
Tetrahydrofuran	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54
Toluene	< LOQ	50.00	ppm		05/11/18 15:18	05/15/18 11:54

LCS(1819046-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	69.1	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Acetonitrile	82.6	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Benzene	62.6	0.5000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
n-Butane	81.4	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Butanes	83.2	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
2-Butanol	72.8	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Cumene	55.4	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Cyclohexane	59.0	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Dichloromethane	74.7	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
1,4-Dimethylbenzene	57.0	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
1,4-Dioxane	62.3	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
2-Ethoxyethanol	65.4	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Ethyl acetate	66.0	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54

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Quality Control

Solvent Analysis (Continued)

Batch: 1819046 - 205 (Continued)

LCS(1819046-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	56.9	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Ethylene glycol	93.7	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Ethylene oxide	79.2	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Ethyl ether	68.7	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Heptane	75.9	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
n-Hexane	70.3	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Hexanes	67.6	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
iso-Butane	84.9	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Isopropyl acetate	75.6	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
iso-Pentane	78.4	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Methanol	81.0	100.0	ppm	70-130	05/11/18 15:18	05/14/18 16:54
2-Methylpentane	65.0	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
3-Methylpentane	70.3	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
neo-Pentane	73.2	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
n-Pentane	70.1	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Pentanes	73.9	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Propane	90.1	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
2-Propanol (IPA)	76.4	1000	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Tetrahydrofuran	77.7	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54
Toluene	59.8	50.00	ppm	70-130	05/11/18 15:18	05/14/18 16:54

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