



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

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

## Suver Haze



Date Sampled: 09/25/18 00:00

Date Accepted: 09/25/18

Results Valid Until: 09/25/19

Sample ID: G8I0367-02

### Results at a Glance

Total CBD : 14.22 %

Pesticides : PASS

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

Eric Wendt  
Chief Science Officer - 9/28/2018



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## Suver Haze

Date Sampled: 09/25/18 00:00

Date Accepted: 09/25/18

Results Valid Until: 09/25/19

M #: M#103929

Sample ID: G8I0367-02

Matrix: Industrial Hemp

### Potency Analysis

Date/Time Extracted: 09/27/18 11:29

Analysis Method/SOP: 215

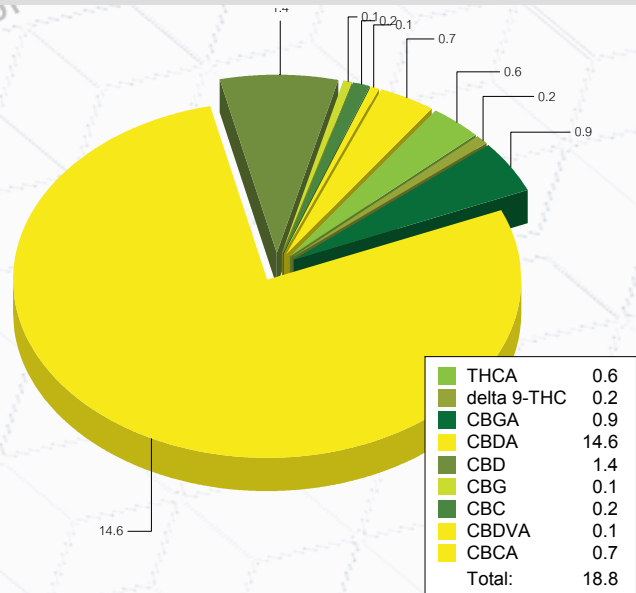
Date/Time Analyzed: 09/28/18 13:33

Batch Identification: 1839040

#### Cannabinoids (% weight)

Total CBD ((CBDA*0.877)+CBD)	14.22
THCA	0.6395
delta 9-THC	0.1645
delta 8-THC	< LOQ
THCV	< LOQ
CBD	1.386
CBDA	14.63
CBDV	< LOQ
CBDVA	0.1025
CBN	< LOQ
CBGA	0.8561
CBG	0.1287
CBC	0.1781
CBCA	0.6901
CBLA	< LOQ

#### Cannabinoids Profile



<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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## Suver Haze

Date Sampled: 09/25/18

Date Accepted: 09/25/18

Results Valid Until: 09/25/19

M #: M#103929

Sample ID: G810367-02

Matrix: Industrial Hemp

### Pesticide Analysis in PPM

Date/Time Extracted: 09/27/18 10:11

Date/Time GC Analyzed: 09/27/18 21:31

Analysis Method/SOP: 203

Date/Time LC Analyzed: 09/27/18 22:52

Batch Identification: 1839038

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.04	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.04	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.04	Acaricide
Acetamiprid	< LOQ	0.2	0.04	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.04	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.04	QoI fungicide
Bifenazate	< LOQ	0.2	0.04	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.04	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.04	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.04	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.04	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.04	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.04	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.04	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.04	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.04	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.04	Pyrethroid insecticide
Daminozide	< LOQ	1	0.04	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.04	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.04	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.04	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.04	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.04	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.04	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.04	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.04	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.04	Pyrazole insecticide
Fonicamid	< LOQ	1	0.04	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.04	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.04	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.04	Azole fungicide
Imidacloprid	< LOQ	0.4	0.04	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.04	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.04	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.04	Phenylamide fungicide

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## Suver Haze

Date Sampled: 09/25/18

Date Accepted: 09/25/18

Results Valid Until: 09/25/19

M #: M#103929

Sample ID: G810367-02

Matrix: Industrial Hemp

### Pesticide Analysis in PPM

Date/Time Extracted: 09/27/18 10:11

Date/Time GC Analyzed: 09/27/18 21:31

Analysis Method/SOP: 203

Date/Time LC Analyzed: 09/27/18 22:52

Batch Identification: 1839038

Analyte	Result	Action Level	LOQ	Type
Methiocarb	< LOQ	0.2	0.04	Carbamate insecticide
Methomyl	< LOQ	0.4	0.04	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.04	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.04	Synergist
Myclobutanil	< LOQ	0.2	0.04	Triazole fungicide
Naled	< LOQ	0.5	0.04	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.04	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.04	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.04	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.04	Organophosphate insecticide and acaricide
Piperonyl butoxide	< LOQ	2	0.1	Synergist
Prallethrin	< LOQ	0.2	0.04	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.04	Triazole fungicide
Propoxur	< LOQ	0.2	0.04	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.1	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.04	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.04	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.04	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.04	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.04	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.04	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.04	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.04	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.04	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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Chief Science Officer - 9/28/2018



# Quality Control Potency

Batch: 1839040 - 215-Useable

Blank(1839040-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
delta 9-THC	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
delta 8-THC	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
THCV	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBD	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBDA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBDV	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBDVA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBN	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBG	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBGA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBC	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBCA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55
CBLA	< LOQ	0.1124	%		09/27/18 11:29	09/27/18 21:55

LCS(1839040-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.0	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:06
delta 9-THC	96.8	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:06
CBD	97.4	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:06
CBDA	94.2	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:06

LCS(1839040-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.3	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:18
delta 9-THC	97.8	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:18
CBD	98.4	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:18
CBDA	95.4	0.005350	%	80-120	09/27/18 11:29	09/27/18 22:18

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## Quality Control Pesticide Analysis

**Batch: 1839038 - 203**

Blank(1839038-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
DDVP (Dichlorvos)	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Acephate	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Acequinocyl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Acetamiprid	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Aldicarb	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Azoxystrobin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Bifenazate	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Bifenthrin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Boscalid	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Carbaryl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Carbofuran	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Chlorantraniliprole	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Chlorfenapyr	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Chlorpyrifos	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Clofentezine	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Cyfluthrin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Cypermethrin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Daminozide	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Diazinon	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Dimethoate	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Ethoprophos	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Etofenprox	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Etoxazole	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Fenoxycarb	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Fenpyroximate	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Fipronil	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Flonicamid	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Fludioxonil	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Hexythiazox	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Imazalil	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Imidacloprid	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Kresoxim-methyl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Malathion	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Metalaxyl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Methiocarb	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Methomyl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Methyl parathion	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22

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 Chief Science Officer - 9/28/2018



# Quality Control

## Pesticide Analysis (Continued)

Batch: 1839038 - 203 (Continued)

Blank(1839038-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Myclobutanil	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Naled	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Oxamyl	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Paclobutrazol	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Permethrins	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Phosmet	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Piperonyl butoxide	< LOQ	0.1	ppm		09/27/18 10:11	09/27/18 19:05
Prallethrin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Propiconazole	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 17:22
Propoxur	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Pyrethrins	< LOQ	0.1	ppm		09/27/18 10:11	09/27/18 19:05
Pyridaben	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Spinosad	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Spiromesifen	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Spirotetramat	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Spiroxamine	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Tebuconazole	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Thiacloprid	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Thiamethoxam	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05
Trifloxystrobin	< LOQ	0.04	ppm		09/27/18 10:11	09/27/18 19:05

LCS(1839038-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	106	0.04	ppm	7-141	09/27/18 10:11	09/27/18 19:25
DDVP (Dichlorvos)	74.2	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Acephate	75.0	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Acequinocyl	60.9	0.04	ppm	0-111	09/27/18 10:11	09/27/18 19:25
Acetamiprid	90.4	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Aldicarb	88.4	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Azoxystrobin	97.5	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Bifenazate	98.6	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Bifenthrin	76.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Boscalid	74.4	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Carbaryl	94.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Carbofuran	98.1	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Chlorantraniliprole	37.0	0.04	ppm	23-110	09/27/18 10:11	09/27/18 19:25
Chlorfenapyr	74.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Chlorpyrifos	72.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45

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# Quality Control

## Pesticide Analysis (Continued)

Batch: 1839038 - 203 (Continued)

LCS(1839038-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	96.0	0.04	ppm	35-118	09/27/18 10:11	09/27/18 19:25
Cyfluthrin	78.6	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Cypermethrin	80.0	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Daminozide	3.72	0.04	ppm	0-100	09/27/18 10:11	09/27/18 19:25
Diazinon	78.1	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Dimethoate	91.3	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Ethoprophos	88.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Etofenprox	107	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Etoxazole	89.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Fenoxycarb	98.5	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Fenpyroximate	80.5	0.04	ppm	60-120	09/27/18 10:11	09/27/18 19:25
Fipronil	79.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Flonicamid	91.7	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Fludioxonil	75.0	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Hexythiazox	111	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Imazalil	74.5	0.04	ppm	31-103	09/27/18 10:11	09/27/18 19:25
Imidacloprid	95.3	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Kresoxim-methyl	78.7	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Malathion	81.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Metalaxyl	95.5	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Methiocarb	119	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Methomyl	89.2	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Methyl parathion	79.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
MGK-264	78.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Myclobutanil	101	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Naled	76.9	0.04	ppm	0-103	09/27/18 10:11	09/27/18 19:25
Oxamyl	78.7	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Paclobutrazol	104	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Permethrins	95.6	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Phosmet	94.9	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Piperonyl butoxide	357	0.1	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Prallethrin	112	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Propiconazole	74.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 17:45
Propoxur	99.2	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Pyrethrins	82.6	0.1	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Pyridaben	80.4	0.04	ppm	60-120	09/27/18 10:11	09/27/18 19:25
Spinosad	55.1	0.04	ppm	24-91	09/27/18 10:11	09/27/18 19:25
Spiromesifen	94.0	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25

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Chief Science Officer - 9/28/2018





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## Quality Control Pesticide Analysis (Continued)

Batch: 1839038 - 203 (Continued)

LCS(1839038-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	99.2	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Spiroxamine	54.9	0.04	ppm	15-95	09/27/18 10:11	09/27/18 19:25
Tebuconazole	90.6	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Thiacloprid	90.1	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Thiamethoxam	83.4	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25
Trifloxystrobin	98.8	0.04	ppm	70-130	09/27/18 10:11	09/27/18 19:25

Eric Wendt  
Chief Science Officer - 9/28/2018