



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Pineapple Kush Duplicate

OM Extracts

Sample ID: G8A0111-02

Date Sampled: 01/12/18 00:00

Date Accepted: 01/12/18

Results Valid Until: 01/12/19

Results at a Glance

Pesticides : PASS

Total THC : 60.55 %

Residual Solvent Analysis : PASS

Eric Wendt
Chief Science Officer - 1/18/2018



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OM Extracts

Sample ID: G8A0111-02

Matrix: Extracts and Concentrates

Test RFID: 0020

Source RFID: 1A4010300014ADD000000019

Potency Analysis

Date/Time Extracted: 01/15/18 13:06

Analysis Method/SOP: 215

Date/Time Analyzed: 01/16/18 03:07

Batch Identification: 1803007

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile												
Total THC ((THCA*0.877)+Δ9)	60.55	<table border="1"> <tr><td>THCA</td><td>41.2</td></tr> <tr><td>delta 9-THC</td><td>24.4</td></tr> <tr><td>CBGA</td><td>2.1</td></tr> <tr><td>CBDA</td><td>1.2</td></tr> <tr><td>CBG</td><td>1.4</td></tr> <tr><td>Total:</td><td>70.3</td></tr> </table>	THCA	41.2	delta 9-THC	24.4	CBGA	2.1	CBDA	1.2	CBG	1.4	Total:	70.3
THCA	41.2													
delta 9-THC	24.4													
CBGA	2.1													
CBDA	1.2													
CBG	1.4													
Total:	70.3													
Total CBD ((CBDA*0.877)+CBD)	< LOQ													
THCA	41.21													
delta 9-THC	24.41													
delta 8-THC	< LOQ													
THCV	< LOQ													
CBGA	2.127													
CBDA	1.206													
CBD	< LOQ													
CBDV	< LOQ													
CBN	< LOQ													
CBG	1.382													
CBC	< LOQ													
Total Cannabinoids	70.34													

<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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Test RFID: 0020

Source RFID: 1A4010300014ADD000000019

Pesticide Analysis in PPM

Date/Time Extracted: 01/16/18 10:11

Date/Time GC Analyzed: 01/17/18 09:53

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/16/18 22:55

Batch Identification: 1803009

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	0.2	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.2	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.1	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.2	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.2	Pyrethroid insecticide
Daminozide	< LOQ	1	0.1	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.2	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	0.2	Pyrazole insecticide
Flonicamid	< LOQ	1	0.1	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.2	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	0.2	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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OM Extracts

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Source RFID: 1A4010300014ADD000000019

Pesticide Analysis in PPM

Date/Time Extracted: 01/16/18 10:11

Date/Time GC Analyzed: 01/17/18 09:53

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/16/18 22:55

Batch Identification: 1803009

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	0.2	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.2	Synergist
Myclobutanil	< LOQ	0.2	0.1	Triazole fungicide
Naled	< LOQ	0.5	0.2	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	0.2	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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Date Sampled: 01/12/18 00:00

Date Accepted: 01/12/18

Results Valid Until: 01/12/19

Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	Date/Time Extracted: 01/17/18 13:38 Date/Time Analyzed: 01/18/18 04:12 Analysis Method/SOP: 205 Batch Identification: 1803029 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)
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	

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

Batch: 1803007 - 215-Concentrates

Blank(1803007-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
delta 9-THC	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
delta 8-THC	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBGA	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
THCV	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBDA	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBD	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBDV	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBN	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBG	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13
CBC	< LOQ	1.200	%		01/15/18 13:06	01/16/18 00:13

LCS(1803007-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	102	0.015	%	80-120	01/15/18 13:06	01/16/18 00:25
delta 9-THC	106	0.015	%	80-120	01/15/18 13:06	01/16/18 00:25
CBDA	103	0.015	%	80-120	01/15/18 13:06	01/16/18 00:25
CBD	105	0.015	%	80-120	01/15/18 13:06	01/16/18 00:25

LCS(1803007-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	111	0.015	%	80-120	01/15/18 13:06	01/16/18 00:36
delta 9-THC	112	0.015	%	80-120	01/15/18 13:06	01/16/18 00:36
CBDA	106	0.015	%	80-120	01/15/18 13:06	01/16/18 00:36
CBD	109	0.015	%	80-120	01/15/18 13:06	01/16/18 00:36

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Quality Control Pesticide Analysis

Batch: 1803009 - 203

Blank(1803009-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
DDVP (Dichlorvos)	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Acephate	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Acequinocyl	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Acetamiprid	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Aldicarb	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Azoxystrobin	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Bifenazate	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Bifenthrin	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Boscalid	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Carbaryl	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Carbofuran	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Chlorantraniliprole	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Chlorfenapyr	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Chlorpyrifos	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Clofentezine	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Cyfluthrin	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Cypermethrin	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Daminozide	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Diazinon	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Dimethoate	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Ethoprophos	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Etofenprox	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Etoxazole	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Fenoxycarb	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Fenpyroximate	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Fipronil	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Fonicamid	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Fludioxonil	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Hexythiazox	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Imazalil	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Imidacloprid	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Kresoxim-methyl	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Malathion	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Metalaxyl	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Methiocarb	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Methomyl	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Methyl parathion	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17

Eric Wendt
Chief Science Officer - 1/18/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1803009 - 203 (Continued)

Blank(1803009-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Myclobutanil	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Naled	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Oxamyl	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Paclobutrazol	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Permethrins	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Phosmet	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Piperonyl butoxide	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Prallethrin	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Propiconazole	< LOQ	0.2	ppm		01/16/18 10:11	01/17/18 03:17
Propoxur	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Pyrethrins	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Pyridaben	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Spinosad	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Spiromesifen	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Spirotetramat	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Spiroxamine	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Tebuconazole	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Thiacloprid	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Thiamethoxam	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12
Trifloxystrobin	< LOQ	0.1	ppm		01/16/18 10:11	01/17/18 11:12

LCS(1803009-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	59.3	0.1	ppm	7-141	01/16/18 10:11	01/17/18 11:25
DDVP (Dichlorvos)	91.6	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Acephate	77.1	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Acequinocyl	28.1	0.1	ppm	0-111	01/16/18 10:11	01/17/18 11:25
Acetamiprid	90.3	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Aldicarb	76.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Azoxystrobin	91.0	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Bifenazate	62.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Bifenthrin	84.6	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Boscalid	85.6	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Carbaryl	90.2	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Carbofuran	95.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Chlorantraniliprole	74.4	0.1	ppm	26-131	01/16/18 10:11	01/17/18 11:25
Chlorfenapyr	72.2	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Chlorpyrifos	88.8	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39

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Chief Science Officer - 1/18/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1803009 - 203 (Continued)

LCS(1803009-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	61.1	0.1	ppm	35-118	01/16/18 10:11	01/17/18 11:25
Cyfluthrin	77.3	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Cypermethrin	69.5	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Daminozide	22.5	0.1	ppm	0-100	01/16/18 10:11	01/17/18 11:25
Diazinon	77.3	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Dimethoate	85.9	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Ethoprophos	80.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Etofenprox	72.0	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Etoxazole	79.2	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Fenoxycarb	90.3	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Fenpyroximate	72.9	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Fipronil	83.8	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Flonicamid	84.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Fludioxonil	82.5	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Hexythiazox	73.9	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Imazalil	57.0	0.1	ppm	31-103	01/16/18 10:11	01/17/18 11:25
Imidacloprid	86.4	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Kresoxim-methyl	83.4	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Malathion	70.2	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Metalaxyl	83.6	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Methiocarb	94.3	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Methomyl	78.8	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Methyl parathion	84.0	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
MGK-264	83.1	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Myclobutanil	81.9	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Naled	137	0.2	ppm	0-103	01/16/18 10:11	01/17/18 03:39
Oxamyl	81.3	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Paclobutrazol	86.6	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Permethrins	90.8	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Phosmet	82.2	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Piperonyl butoxide	73.7	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Prallethrin	79.8	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Propiconazole	76.9	0.2	ppm	70-130	01/16/18 10:11	01/17/18 03:39
Propoxur	95.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Pyrethrins	94.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Pyridaben	80.9	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Spinosad	48.7	0.1	ppm	24-91	01/16/18 10:11	01/17/18 11:25
Spiromesifen	71.1	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25

Eric Wendt
Chief Science Officer - 1/18/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1803009 - 203 (Continued)

LCS(1803009-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	89.8	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Spiroxamine	34.1	0.1	ppm	15-95	01/16/18 10:11	01/17/18 11:25
Tebuconazole	82.1	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Thiacloprid	83.2	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Thiamethoxam	85.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25
Trifloxystrobin	80.5	0.1	ppm	70-130	01/16/18 10:11	01/17/18 11:25

Eric Wendt
Chief Science Officer - 1/18/2018



Quality Control Solvent Analysis

Batch: 1803029 - 205

Blank(1803029-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Acetonitrile	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Benzene	< LOQ	0.5000	ppm		01/17/18 13:38	01/18/18 11:51
Butanes	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
2-Butanol	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Cumene	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Cyclohexane	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Dichloromethane	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
1,4-Dioxane	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
2-Ethoxyethanol	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Ethyl acetate	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Ethylene glycol	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Ethylene oxide	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Ethyl ether	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Heptane	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Hexanes	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Isopropyl acetate	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Methanol	< LOQ	100.0	ppm		01/17/18 13:38	01/18/18 11:51
Pentanes	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Propane	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
2-Propanol (IPA)	< LOQ	1000	ppm		01/17/18 13:38	01/18/18 11:51
Tetrahydrofuran	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51
Toluene	< LOQ	50.00	ppm		01/17/18 13:38	01/18/18 11:51

LCS(1803029-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	102	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Acetonitrile	110	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Benzene	102	0.5000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
n-Butane	98.9	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Butanes	97.8	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
2-Butanol	103	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Cumene	107	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Cyclohexane	103	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Dichloromethane	104	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
1,4-Dimethylbenzene	100	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
1,4-Dioxane	114	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
2-Ethoxyethanol	107	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Ethyl acetate	104	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13

Eric Wendt
Chief Science Officer - 1/18/2018



Quality Control

Solvent Analysis (Continued)

Batch: 1803029 - 205 (Continued)

LCS(1803029-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	99.7	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Ethylene glycol	106	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Ethylene oxide	105	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Ethyl ether	104	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Heptane	103	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
n-Hexane	103	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Hexanes	99.7	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
iso-Butane	96.6	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Isopropyl acetate	104	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
iso-Pentane	102	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Methanol	101	100.0	ppm	70-130	01/17/18 13:38	01/17/18 19:13
2-Methylpentane	103	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
3-Methylpentane	103	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
neo-Pentane	98.8	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
n-Pentane	102	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Pentanes	101	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Propane	90.0	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
2-Propanol (IPA)	103	1000	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Tetrahydrofuran	105	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13
Toluene	106	50.00	ppm	70-130	01/17/18 13:38	01/17/18 19:13

Eric Wendt
Chief Science Officer - 1/18/2018



Quality Control Terpene Analysis

Batch: 1803007 - 215-Concentrates

Blank(1803007-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Camphene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Camphor	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
3-Carene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
beta-Caryophyllene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Caryophyllene Oxide	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
alpha-Cedrene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Cedrol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Endo-fenchyl alcohol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Eucalyptol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Fenchone	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Geraniol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Geranyl acetate	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Guaiol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Hexahydrothymol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
alpha-Humulene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Isoborneol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Isopulegol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Limonene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Linalool	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
p-Mentha-1,5-diene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
beta-Myrcene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Nerolidol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Ocimene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
alpha-Pinene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
beta-Pinene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Pulegone	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Sabinene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Sabinene hydrate	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
gamma-Terpinene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
alpha-Terpinene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Terpineol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Terpinolene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Valencene	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Nerol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31
Borneol	< LOQ	0.002000	%		01/15/18 13:06	01/16/18 18:31

Eric Wendt
Chief Science Officer - 1/18/2018