



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Nightmare Cookies

OM Extracts

Sample ID: G7L0283-01

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

Results at a Glance

Pesticides : **PASS**

Total THC : **30.51 %**

Total CBD : **32.94 %**

Residual Solvent Analysis : **PASS**

Eric Wendt
Chief Science Officer - 1/2/2018



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OM Extracts

Sample ID: G7L0283-01

Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000012

Source RFID: 1A4010300014ADD000000011

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

Potency Analysis

Date/Time Extracted: 12/28/17 10:54

Analysis Method/SOP: 215

Date/Time Analyzed: 12/28/17 19:10

Batch Identification: 1752022

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile												
Total THC ((THCA*0.877)+Δ9)	30.51	<table border="1"> <tr><td>THCA</td><td>15.3</td></tr> <tr><td>delta 9-THC</td><td>17.1</td></tr> <tr><td>CBGA</td><td>1.8</td></tr> <tr><td>CBDA</td><td>26.6</td></tr> <tr><td>CBD</td><td>9.6</td></tr> <tr><td>Total:</td><td>70.4</td></tr> </table>	THCA	15.3	delta 9-THC	17.1	CBGA	1.8	CBDA	26.6	CBD	9.6	Total:	70.4
THCA	15.3													
delta 9-THC	17.1													
CBGA	1.8													
CBDA	26.6													
CBD	9.6													
Total:	70.4													
Total CBD ((CBDA*0.877)+CBD)	32.94													
THCA	15.33													
delta 9-THC	17.06													
delta 8-THC	< LOQ													
THCV	< LOQ													
CBGA	1.750													
CBDA	26.56													
CBD	9.648													
CBDV	< LOQ													
CBN	< LOQ													
CBG	< LOQ													
CBC	< LOQ													
Total Cannabinoids	70.35													

<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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Date Sampled: 12/27/17

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

Pesticide Analysis in PPM

Date/Time Extracted: 12/28/17 10:41

Date/Time GC Analyzed: 12/28/17 21:26

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/28/17 20:27

Batch Identification: 1752019

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	0.4	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: 1A4010300014ADD000000011

Pesticide Analysis in PPM

Date/Time Extracted: 12/28/17 10:41

Date/Time GC Analyzed: 12/28/17 21:26

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/28/17 20:27

Batch Identification: 1752019

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 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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Source RFID: 1A4010300014ADD000000011

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

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: 12/28/17 14:20

Date/Time Analyzed: 12/30/17 07:49

Analysis Method/SOP: 205

Batch Identification: 1752025

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: 1752022 - 215-Concentrates

Blank(1752022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
delta 9-THC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
delta 8-THC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBGA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
THCV	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBDA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBD	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBDV	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBN	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBG	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02

LCS(1752022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	104	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
delta 9-THC	106	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
CBDA	109	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
CBD	105	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13

LCS(1752022-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
delta 9-THC	102	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
CBDA	101	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
CBD	102	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25

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Quality Control Pesticide Analysis

Batch: 1752019 - 203

Blank(1752019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
DDVP (Dichlorvos)	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Acephate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Acequinocyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Acetamiprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Aldicarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Azoxystrobin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Bifenazate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Bifenthrin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Boscalid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Carbaryl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Carbofuran	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Chlorantraniliprole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Chlorfenapyr	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Chlorpyrifos	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Clofentezine	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Cyfluthrin	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Cypermethrin	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Daminozide	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Diazinon	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Dimethoate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Ethoprophos	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Etofenprox	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Etoxazole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fenoxycarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fenpyroximate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fipronil	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Flonicamid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fludioxonil	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Hexythiazox	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Imazalil	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Imidacloprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Kresoxim-methyl	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Malathion	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Metalaxyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methiocarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methomyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methyl parathion	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02

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Quality Control Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

Blank(1752019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Myclobutanil	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Naled	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Oxamyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Paclobutrazol	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Permethrins	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Phosmet	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Piperonyl butoxide	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Prallethrin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Propiconazole	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Propoxur	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Pyrethrins	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Pyridaben	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spinosad	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spiromesifen	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spirotetramat	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spiroxamine	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Tebuconazole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Thiacloprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Thiamethoxam	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Trifloxystrobin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	108	0.1	ppm	7-141	12/28/17 10:41	12/28/17 17:58
DDVP (Dichlorvos)	107	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Acephate	94.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Acequinocyl	28.5	0.1	ppm	0-111	12/28/17 10:41	12/28/17 17:58
Acetamiprid	104	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Aldicarb	97.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Azoxystrobin	101	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Bifenazate	124	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Bifenthrin	87.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Boscalid	96.0	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Carbaryl	113	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Carbofuran	101	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Chlorantraniliprole	128	0.1	ppm	26-131	12/28/17 10:41	12/28/17 17:58
Chlorfenapyr	116	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Chlorpyrifos	94.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24

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Chief Science Officer - 1/2/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	51.0	0.1	ppm	35-118	12/28/17 10:41	12/28/17 17:58
Cyfluthrin	80.4	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Cypermethrin	83.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Daminozide	12.7	0.1	ppm	0-100	12/28/17 10:41	12/28/17 17:58
Diazinon	86.8	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Dimethoate	108	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Ethoprophos	96.1	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Etofenprox	78.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Etoxazole	89.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fenoxycarb	102	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fenpyroximate	70.8	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fipronil	91.5	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Flonicamid	97.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fludioxonil	71.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Hexythiazox	91.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Imazalil	40.3	0.1	ppm	31-103	12/28/17 10:41	12/28/17 17:58
Imidacloprid	94.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Kresoxim-methyl	90.0	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Malathion	86.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Metalaxyl	104	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methiocarb	107	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methomyl	98.0	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methyl parathion	83.9	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
MGK-264	93.3	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Myclobutanil	111	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Naled	89.7	0.2	ppm	0-103	12/28/17 10:41	12/28/17 17:24
Oxamyl	94.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Paclobutrazol	109	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Permethrins	93.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Phosmet	82.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Piperonyl butoxide	90.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Prallethrin	86.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Propiconazole	87.5	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Propoxur	93.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Pyrethrins	89.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Pyridaben	85.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Spinosad	45.3	0.1	ppm	24-91	12/28/17 10:41	12/28/17 17:58
Spiromesifen	83.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58

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Quality Control
Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	98.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Spiroxamine	33.4	0.1	ppm	15-95	12/28/17 10:41	12/28/17 17:58
Tebuconazole	97.5	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Thiacloprid	90.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Thiamethoxam	93.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Trifloxystrobin	97.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58

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Quality Control Solvent Analysis

Batch: 1752025 - 205

Blank(1752025-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Acetonitrile	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Benzene	< LOQ	0.5000	ppm		12/28/17 14:20	01/02/18 10:12
Butanes	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
2-Butanol	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Cumene	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Cyclohexane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Dichloromethane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
1,4-Dioxane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
2-Ethoxyethanol	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethyl acetate	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Ethylene glycol	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethylene oxide	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethyl ether	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Heptane	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Hexanes	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Isopropyl acetate	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Methanol	< LOQ	100.0	ppm		12/28/17 14:20	01/02/18 10:12
Pentanes	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Propane	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
2-Propanol (IPA)	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Tetrahydrofuran	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Toluene	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12

LCS(1752025-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	93.4	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Acetonitrile	98.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Benzene	91.3	0.5000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Butane	85.1	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Butanes	83.7	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Butanol	95.3	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Cumene	97.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Cyclohexane	92.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Dichloromethane	93.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
1,4-Dimethylbenzene	95.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
1,4-Dioxane	104	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Ethoxyethanol	95.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethyl acetate	95.2	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26

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Quality Control

Solvent Analysis (Continued)

Batch: 1752025 - 205 (Continued)

LCS(1752025-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	95.0	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethylene glycol	113	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethylene oxide	86.2	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethyl ether	90.6	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Heptane	94.9	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Hexane	88.2	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Hexanes	85.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
iso-Butane	82.3	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Isopropyl acetate	98.1	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
iso-Pentane	87.7	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Methanol	89.1	100.0	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Methylpentane	87.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
3-Methylpentane	87.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
neo-Pentane	86.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Pentane	88.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Pentanes	87.2	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Propane	70.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Propanol (IPA)	103	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Tetrahydrofuran	93.7	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Toluene	97.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26

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OM Extracts

Sample ID: G7L0283-02

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

Results at a Glance

Pesticides : **PASS**

Total THC : **30.69 %**

Total CBD : **33.17 %**

Residual Solvent Analysis : **PASS**

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OM Extracts

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

Sample ID: G7L0283-02

Matrix: Extracts and Concentrates

Test RFID: 0012

Source RFID: 1A4010300014ADD000000011

Potency Analysis

Date/Time Extracted: 12/28/17 10:54

Analysis Method/SOP: 215

Date/Time Analyzed: 12/28/17 19:22

Batch Identification: 1752022

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	30.69	
Total CBD ((CBDA*0.877)+CBD)	33.17	
THCA	15.45	
delta 9-THC	17.14	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	2.147	
CBDA	26.75	
CBD	9.711	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	71.19	

THCA	15.5
delta 9-THC	17.1
CBGA	2.1
CBDA	26.7
CBD	9.7
Total:	71.2

<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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Nightmare Cookies Duplicate

Date Sampled: 12/27/17

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

OM Extracts

Sample ID: G7L0283-02

Matrix: Extracts and Concentrates

Test RFID: 0012

Source RFID: 1A4010300014ADD000000011

Pesticide Analysis in PPM

Date/Time Extracted: 12/28/17 10:41

Date/Time GC Analyzed: 12/28/17 21:48

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/28/17 20:41

Batch Identification: 1752019

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	0.4	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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Date Sampled: 12/27/17

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

OM Extracts

Sample ID: G7L0283-02

Matrix: Extracts and Concentrates

Test RFID: 0012

Source RFID: 1A4010300014ADD000000011

Pesticide Analysis in PPM

Date/Time Extracted: 12/28/17 10:41

Date/Time GC Analyzed: 12/28/17 21:48

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/28/17 20:41

Batch Identification: 1752019

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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Nightmare Cookies Duplicate

OM Extracts

Sample ID: G7L0283-02

Matrix: Extracts and Concentrates

Test RFID: 0012

Source RFID: 1A4010300014ADD000000011

Date Sampled: 12/27/17 00:00

Date Accepted: 12/27/17

Results Valid Until: 12/27/18

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: 12/28/17 14:20
 Date/Time Analyzed: 12/30/17 08:25
 Analysis Method/SOP: 205
 Batch Identification: 1752025

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: 1752022 - 215-Concentrates

Blank(1752022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
delta 9-THC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
delta 8-THC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBGA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
THCV	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBDA	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBD	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBDV	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBN	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBG	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02
CBC	< LOQ	1.200	%		12/28/17 10:54	12/28/17 17:02

LCS(1752022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	104	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
delta 9-THC	106	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
CBDA	109	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13
CBD	105	0.015	%	80-120	12/28/17 10:54	12/28/17 17:13

LCS(1752022-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
delta 9-THC	102	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
CBDA	101	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25
CBD	102	0.015	%	80-120	12/28/17 10:54	12/28/17 17:25

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Quality Control Pesticide Analysis

Batch: 1752019 - 203

Blank(1752019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
DDVP (Dichlorvos)	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Acephate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Acequinocyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Acetamiprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Aldicarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Azoxystrobin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Bifenazate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Bifenthrin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Boscalid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Carbaryl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Carbofuran	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Chlorantraniliprole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Chlorfenapyr	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Chlorpyrifos	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Clofentezine	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Cyfluthrin	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Cypermethrin	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Daminozide	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Diazinon	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Dimethoate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Ethoprophos	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Etofenprox	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Etoxazole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fenoxycarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fenpyroximate	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fipronil	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Flonicamid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Fludioxonil	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Hexythiazox	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Imazalil	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Imidacloprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Kresoxim-methyl	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Malathion	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Metalaxyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methiocarb	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methomyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Methyl parathion	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02

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Quality Control

Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

Blank(1752019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Myclobutanil	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Naled	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Oxamyl	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Paclobutrazol	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Permethrins	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Phosmet	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Piperonyl butoxide	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Prallethrin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Propiconazole	< LOQ	0.2	ppm		12/28/17 10:41	12/28/17 17:02
Propoxur	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Pyrethrins	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Pyridaben	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spinosad	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spiromesifen	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spirotetramat	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Spiroxamine	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Tebuconazole	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Thiacloprid	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Thiamethoxam	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44
Trifloxystrobin	< LOQ	0.1	ppm		12/28/17 10:41	12/28/17 17:44

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	108	0.1	ppm	7-141	12/28/17 10:41	12/28/17 17:58
DDVP (Dichlorvos)	107	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Acephate	94.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Acequinocyl	28.5	0.1	ppm	0-111	12/28/17 10:41	12/28/17 17:58
Acetamiprid	104	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Aldicarb	97.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Azoxystrobin	101	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Bifenazate	124	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Bifenthrin	87.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Boscalid	96.0	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Carbaryl	113	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Carbofuran	101	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Chlorantraniliprole	128	0.1	ppm	26-131	12/28/17 10:41	12/28/17 17:58
Chlorfenapyr	116	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Chlorpyrifos	94.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24

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Quality Control

Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	51.0	0.1	ppm	35-118	12/28/17 10:41	12/28/17 17:58
Cyfluthrin	80.4	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Cypermethrin	83.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Daminozide	12.7	0.1	ppm	0-100	12/28/17 10:41	12/28/17 17:58
Diazinon	86.8	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Dimethoate	108	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Ethoprophos	96.1	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Etofenprox	78.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Etoxazole	89.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fenoxycarb	102	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fenpyroximate	70.8	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fipronil	91.5	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Flonicamid	97.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Fludioxonil	71.8	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Hexythiazox	91.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Imazalil	40.3	0.1	ppm	31-103	12/28/17 10:41	12/28/17 17:58
Imidacloprid	94.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Kresoxim-methyl	90.0	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Malathion	86.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Metalaxyl	104	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methiocarb	107	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methomyl	98.0	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Methyl parathion	83.9	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
MGK-264	93.3	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Myclobutanil	111	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Naled	89.7	0.2	ppm	0-103	12/28/17 10:41	12/28/17 17:24
Oxamyl	94.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Paclobutrazol	109	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Permethrins	93.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Phosmet	82.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Piperonyl butoxide	90.3	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Prallethrin	86.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Propiconazole	87.5	0.2	ppm	70-130	12/28/17 10:41	12/28/17 17:24
Propoxur	93.7	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Pyrethrins	89.9	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Pyridaben	85.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Spinosad	45.3	0.1	ppm	24-91	12/28/17 10:41	12/28/17 17:58
Spiromesifen	83.2	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58

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Green Leaf Lab proudly follows TNI 2009
Quality Standards

Quality Control
Pesticide Analysis (Continued)

Batch: 1752019 - 203 (Continued)

LCS(1752019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	98.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Spiroxamine	33.4	0.1	ppm	15-95	12/28/17 10:41	12/28/17 17:58
Tebuconazole	97.5	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Thiacloprid	90.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Thiamethoxam	93.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58
Trifloxystrobin	97.4	0.1	ppm	70-130	12/28/17 10:41	12/28/17 17:58

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Quality Control Solvent Analysis

Batch: 1752025 - 205

Blank(1752025-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Acetonitrile	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Benzene	< LOQ	0.5000	ppm		12/28/17 14:20	01/02/18 10:12
Butanes	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
2-Butanol	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Cumene	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Cyclohexane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Dichloromethane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
1,4-Dioxane	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
2-Ethoxyethanol	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethyl acetate	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Ethylene glycol	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethylene oxide	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Ethyl ether	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Heptane	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Hexanes	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Isopropyl acetate	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Methanol	< LOQ	100.0	ppm		12/28/17 14:20	01/02/18 10:12
Pentanes	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Propane	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
2-Propanol (IPA)	< LOQ	1000	ppm		12/28/17 14:20	01/02/18 10:12
Tetrahydrofuran	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12
Toluene	< LOQ	50.00	ppm		12/28/17 14:20	01/02/18 10:12

LCS(1752025-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	93.4	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Acetonitrile	98.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Benzene	91.3	0.5000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Butane	85.1	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Butanes	83.7	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Butanol	95.3	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Cumene	97.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Cyclohexane	92.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Dichloromethane	93.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
1,4-Dimethylbenzene	95.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
1,4-Dioxane	104	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Ethoxyethanol	95.1	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethyl acetate	95.2	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26

Eric Wendt
 Chief Science Officer - 1/2/2018



Quality Control

Solvent Analysis (Continued)

Batch: 1752025 - 205 (Continued)

LCS(1752025-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	95.0	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethylene glycol	113	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethylene oxide	86.2	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Ethyl ether	90.6	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Heptane	94.9	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Hexane	88.2	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Hexanes	85.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
iso-Butane	82.3	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Isopropyl acetate	98.1	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
iso-Pentane	87.7	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Methanol	89.1	100.0	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Methylpentane	87.9	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
3-Methylpentane	87.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
neo-Pentane	86.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
n-Pentane	88.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Pentanes	87.2	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Propane	70.0	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
2-Propanol (IPA)	103	1000	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Tetrahydrofuran	93.7	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26
Toluene	97.8	50.00	ppm	70-130	12/28/17 14:20	12/30/17 02:26

Eric Wendt
Chief Science Officer - 1/2/2018