



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

CBD Isolate

E-Blunt CBD

Sample ID: G8A0129-01

Date Sampled: 01/15/18 00:00

Date Accepted: 01/15/18

Results Valid Until: 01/15/19

Results at a Glance

Total CBD : 99.01 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Eric Wendt
Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

CBD Isolate

E-Blunt CBD

Date Sampled: 01/15/18 00:00

Date Accepted: 01/15/18

Results Valid Until: 01/15/19

Sample ID: G8A0129-01

Matrix: Extracts and Concentrates

Test RFID: Not OAR 333-007 Compliant

Potency Analysis

Date/Time Extracted: 01/16/18 14:58

Analysis Method/SOP: 215

Date/Time Analyzed: 01/23/18 11:30

Batch Identification: 1803018

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	< LOQ	<p>99.0</p> <p>■ CBD 99.0 Total: 99.0</p>
Total CBD ((CBDA*0.877)+CBD)	99.01	
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	< LOQ	
CBDA	< LOQ	
CBD	99.01	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	99.01	

<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.

Eric Wendt
Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

CBD Isolate

Date Sampled: 01/15/18

Date Accepted: 01/15/18

Results Valid Until: 01/15/19

E-Blunt CBD

Sample ID: G8A0129-01

Matrix: Extracts and Concentrates

Test RFID: Not OAR 333-007 Compliant

Pesticide Analysis in PPM

Date/Time Extracted: 01/17/18 10:54

Date/Time GC Analyzed: 01/18/18 00:18

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/18/18 00:16

Batch Identification: 1803024

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	< 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	0.2	Pyrazole insecticide
Fonicamid	< 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
Methiocarb	< LOQ	0.2	0.1	Carbamate insecticide

Eric Wendt
Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
 Quality Standards

CBD Isolate

Date Sampled: 01/15/18

Date Accepted: 01/15/18

Results Valid Until: 01/15/19

E-Blunt CBD

Sample ID: G8A0129-01

Matrix: Extracts and Concentrates

Test RFID: Not OAR 333-007 Compliant

Pesticide Analysis in PPM

Date/Time Extracted: 01/17/18 10:54

Date/Time GC Analyzed: 01/18/18 00:18

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/18/18 00:16

Batch Identification: 1803024

Analyte	Result	Action Level	LOQ	Type
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.

Eric Wendt
 Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
 Quality Standards

CBD Isolate

E-Blunt CBD

Sample ID: G8A0129-01

Matrix: Extracts and Concentrates

Test RFID: Not OAR 333-007 Compliant

Date Sampled: 01/15/18 00:00

Date Accepted: 01/15/18

Results Valid Until: 01/15/19

Residual Solvents

Solvent	Results in ppm	LOQ	Action Level
Acetone	< LOQ	1000	5000
Acetonitrile	< LOQ	50.00	410
Benzene	< LOQ	0.5000	2
Butanes	< LOQ	1000	5000 ³
2-Butanol	< LOQ	1000	5000
Cumene	< LOQ	50.00	70
Cyclohexane	< LOQ	50.00	3880
Dichloromethane	< LOQ	50.00	600
1,4-Dioxane	< LOQ	50.00	380
2-Ethoxyethanol	< LOQ	50.00	160
Ethyl acetate	< LOQ	1000	5000
Ethylene glycol	< LOQ	50.00	620
Ethylene oxide	< LOQ	50.00	50
Ethyl ether	< LOQ	1000	5000
Heptane	< LOQ	1000	5000
Hexanes	< LOQ	50.00	290 ⁴
Isopropyl acetate	< LOQ	1000	5000
Methanol	< LOQ	100.0	3000
Pentanes	< LOQ	1000	5000 ⁵
Propane	< LOQ	1000	5000
2-Propanol (IPA)	< LOQ	1000	5000
Tetrahydrofuran	< LOQ	50.00	720
Toluene	< LOQ	50.00	890

Date/Time Extracted: 01/17/18 13:38

Date/Time Analyzed: 01/18/18 06:00

Analysis Method/SOP: 205

Batch Identification: 1803029

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.

Eric Wendt
 Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Quality Control Potency

Batch: 1803018 - 215-Concentrates

Blank(1803018-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
delta 9-THC	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
delta 8-THC	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBGA	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
THCV	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBDA	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBD	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBDV	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBN	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBG	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27
CBC	< LOQ	1.200	%		01/16/18 14:58	01/17/18 01:27

LCS(1803018-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	78.9	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:38
delta 9-THC	84.4	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:38
CBDA	82.0	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:38
CBD	85.6	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:38

LCS(1803018-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	79.8	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:50
delta 9-THC	82.0	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:50
CBDA	81.0	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:50
CBD	85.1	0.0150	%	80-120	01/16/18 14:58	01/17/18 01:50

Eric Wendt
Chief Science Officer - 3/9/2018



Quality Control Pesticide Analysis

Batch: 1803024 - 203

Blank(1803024-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
DDVP (Dichlorvos)	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Acephate	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Acequinocyl	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Acetamiprid	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Aldicarb	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Azoxystrobin	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Bifenazate	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Bifenthrin	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Boscalid	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Carbaryl	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Carbofuran	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Chlorantraniliprole	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Chlorfenapyr	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Chlorpyrifos	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Clofentezine	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Cyfluthrin	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Cypermethrin	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Daminozide	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Diazinon	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Dimethoate	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Ethoprophos	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Etofenprox	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Etoxazole	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Fenoxycarb	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Fenpyroximate	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Fipronil	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Fonicamid	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Fludioxonil	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Hexythiazox	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Imazalil	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Imidacloprid	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Kresoxim-methyl	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Malathion	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Metalaxyl	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Methiocarb	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Methomyl	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Methyl parathion	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49

Eric Wendt
Chief Science Officer - 3/9/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1803024 - 203 (Continued)

Blank(1803024-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Myclobutanil	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Naled	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Oxamyl	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Paclobutrazol	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Permethrins	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Phosmet	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Piperonyl butoxide	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Prallethrin	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Propiconazole	< LOQ	0.2	ppm		01/17/18 10:54	01/17/18 18:49
Propoxur	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Pyrethrins	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Pyridaben	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Spinosad	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Spiromesifen	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Spirotetramat	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Spiroxamine	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Tebuconazole	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Thiacloprid	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Thiamethoxam	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52
Trifloxystrobin	< LOQ	0.1	ppm		01/17/18 10:54	01/17/18 20:52

LCS(1803024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	59.1	0.1	ppm	7-141	01/17/18 10:54	01/17/18 21:06
DDVP (Dichlorvos)	89.2	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Acephate	82.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Acequinocyl	25.5	0.1	ppm	0-111	01/17/18 10:54	01/17/18 21:06
Acetamiprid	94.7	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Aldicarb	80.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Azoxystrobin	75.6	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Bifenazate	83.1	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Bifenthrin	70.9	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Boscalid	64.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Carbaryl	93.7	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Carbofuran	97.1	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Chlorantraniliprole	84.4	0.1	ppm	26-131	01/17/18 10:54	01/17/18 21:06
Chlorfenapyr	75.8	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Chlorpyrifos	87.5	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11

Eric Wendt
Chief Science Officer - 3/9/2018



Quality Control

Pesticide Analysis (Continued)

Batch: 1803024 - 203 (Continued)

LCS(1803024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	41.0	0.1	ppm	35-118	01/17/18 10:54	01/17/18 21:06
Cyfluthrin	74.7	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Cypermethrin	71.0	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Daminozide	16.5	0.1	ppm	0-100	01/17/18 10:54	01/17/18 21:06
Diazinon	82.8	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Dimethoate	90.3	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Ethoprophos	77.5	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Etofenprox	67.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Etoxazole	75.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Fenoxycarb	90.4	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Fenpyroximate	63.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Fipronil	84.5	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Flonicamid	89.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Fludioxonil	74.2	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Hexythiazox	71.6	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Imazalil	51.4	0.1	ppm	31-103	01/17/18 10:54	01/17/18 21:06
Imidacloprid	90.4	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Kresoxim-methyl	79.8	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Malathion	94.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Metalaxyl	82.8	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Methiocarb	79.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Methomyl	80.5	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Methyl parathion	78.0	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
MGK-264	80.4	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Myclobutanil	77.7	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Naled	97.9	0.2	ppm	0-103	01/17/18 10:54	01/17/18 19:11
Oxamyl	77.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Paclobutrazol	86.1	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Permethrins	69.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Phosmet	92.7	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Piperonyl butoxide	76.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Prallethrin	73.8	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Propiconazole	74.9	0.2	ppm	70-130	01/17/18 10:54	01/17/18 19:11
Propoxur	90.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Pyrethrins	102	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Pyridaben	73.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Spinosad	42.5	0.1	ppm	24-91	01/17/18 10:54	01/17/18 21:06
Spiromesifen	72.3	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06

Eric Wendt
Chief Science Officer - 3/9/2018



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Quality Control Pesticide Analysis (Continued)

Batch: 1803024 - 203 (Continued)

LCS(1803024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	90.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Spiroxamine	31.6	0.1	ppm	15-95	01/17/18 10:54	01/17/18 21:06
Tebuconazole	82.2	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Thiacloprid	87.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Thiamethoxam	88.0	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06
Trifloxystrobin	82.6	0.1	ppm	70-130	01/17/18 10:54	01/17/18 21:06

Eric Wendt
Chief Science Officer - 3/9/2018



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 - 3/9/2018



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 - 3/9/2018