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

Green Leaf Lab proudly follows TNI 2009 Quality Standards

J & J Organics

Flawless Fractions LLC

Date Sampled: 12/20/18 00:00
Date Accepted: 12/20/18

Sample ID: G8L0401-04

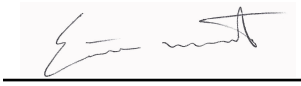
Harvest Date: 12/18/18

Results at a Glance

Total CBD : 99.80 %

Pesticides : PASS

Residual Solvent Analysis : PASS



Eric Wendt
Chief Science Officer - 1/3/2019

Green Leaf Lab

Official Cannalysis Report

License#: 10029074C70

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J & J Organics

Flawless Fractions LLC

Date Sampled: 12/20/18 00:00
Date Accepted: 12/20/18

M #: M#1007766

Sample ID: G8L0401-04 **Matrix:** Extracts and Concentrates **Harvest Date:** 12/18/18

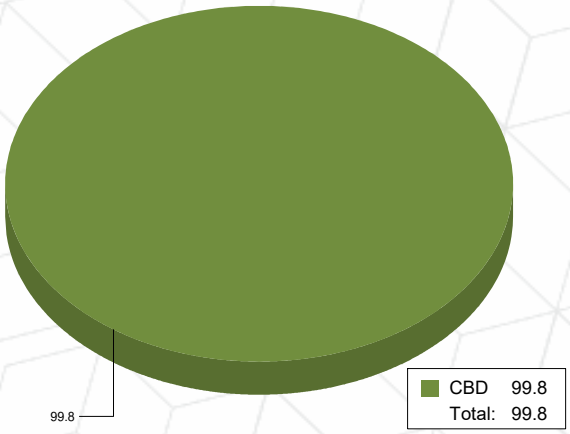
Potency Analysis

Date/Time Extracted: 12/27/18 15:46
Date/Time Analyzed: 12/28/18 19:28

Analysis Method/SOP: 215
Batch Identification: 1852028

Cannabinoids (% weight)	Decarboxylated* %
Total THC ((THCA*0.877)+Δ9)	< LOQ
Total CBD ((CBDA*0.877)+CBD)	99.80
THCA	< LOQ
delta 9-THC	< LOQ
delta 8-THC	< LOQ
THCV	< LOQ
CBD	99.80
CBDA	< LOQ
CBDV	< LOQ
CBDVA	< LOQ
CBN	< LOQ
CBG	< LOQ
CBGA	< LOQ
CBC	< LOQ
CBCA	< LOQ
CBLA	< LOQ
Total Cannabinoids	99.80

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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Flawless Fractions LLC

Date Sampled: 12/20/18
Date Accepted: 12/20/18
Results Valid Until: 12/20/19

M #: M#1007766

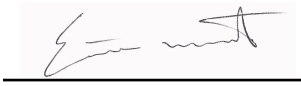
Sample ID: G8L0401-04 **Matrix:** Extracts and Concentrates **Harvest Date:** 12/18/18

Pesticide Analysis in PPM

Date/Time Extracted: 12/27/18 10:29
Analysis Method/SOP: 202
Batch Identification: 1852021

Date/Time GC Analyzed: 12/28/18 05:43
Date/Time LC Analyzed: 12/27/18 19:39

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.08	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.01	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.08	Acaracide
Acetamiprid	< LOQ	0.2	0.01	Neonicotinoid instecticide
Aldicarb	< LOQ	0.4	0.01	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.01	QoI fungicide
Bifenazate	< LOQ	0.2	0.01	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.01	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.01	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.01	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.01	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.01	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.2	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.01	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.01	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.2	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.2	Pyrethroid insecticide
Daminozide	< LOQ	1	0.03	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.01	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.01	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.01	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.01	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.01	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.01	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.01	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.01	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.02	Pyrazole insecticide
Flonicamid	< LOQ	1	0.01	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.01	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.01	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.01	Azole fungicide
Imidacloprid	< LOQ	0.4	0.01	Neonicotinoid insectide
Kresoxim-methyl	< LOQ	0.4	0.02	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.01	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.01	Phenylamide fungicide



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Date Sampled: 12/20/18
Date Accepted: 12/20/18
Results Valid Until: 12/20/19

M #: M#1007766

Sample ID: G8L0401-04 **Matrix:** Extracts and Concentrates **Harvest Date:** 12/18/18

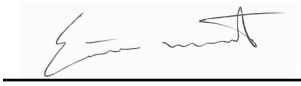
Pesticide Analysis in PPM

Date/Time Extracted: 12/27/18 10:29
Analysis Method/SOP: 202
Batch Identification: 1852021

Date/Time GC Analyzed: 12/28/18 05:43
Date/Time LC Analyzed: 12/27/18 19:39

Analyte	Result	Action Level	LOQ	Type
Methiocarb	< LOQ	0.2	0.01	Carbamate insecticide
Methomyl	< LOQ	0.4	0.01	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.01	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.01	Synergist
Myclobutanil	< LOQ	0.2	0.01	Triazole fungicide
Naled	< LOQ	0.5	0.01	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.01	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.01	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.2	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.01	Organophosphate insecticide and acaricide
Piperonyl butoxide	< LOQ	2	0.01	Synergist
Prallethrin	< LOQ	0.2	0.01	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.2	Triazole fungicide
Propoxur	< LOQ	0.2	0.01	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.08	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.01	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.01	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.01	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.01	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.01	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.01	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.01	Neonicotinoid insectide and molluscicide
Thiamethoxam	< LOQ	0.2	0.01	Neonicotinoid insectide
Trifloxystrobin	< LOQ	0.2	0.01	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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Flawless Fractions LLC

Date Sampled: 12/20/18 00:00
Date Accepted: 12/20/18

M #: M#1007766

Sample ID: G8L0401-04 **Matrix:** Extracts and Concentrates **Harvest Date:** 12/18/18

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
Xylenes	0.000		0

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red.

Date/Time Extracted: 12/26/18 12:54
Date/Time Analyzed: 12/27/18 00:58
Analysis Method/SOP: 205
Batch Identification: 1852010

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-dimenthylbutane (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)

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Quality Control

Potency

Batch: 1852028 - 215-Concentrates

LCS(1852028-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	90.4	0.0100	%	80-120	12/27/18 15:46	12/28/18 17:59
delta 9-THC	93.9	0.0100	%	80-120	12/27/18 15:46	12/28/18 17:59
CBD	90.4	0.0100	%	80-120	12/27/18 15:46	12/28/18 17:59
CBDA	90.4	0.0100	%	80-120	12/27/18 15:46	12/28/18 17:59

LCS(1852028-BS2)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	89.2	0.0100	%	80-120	12/27/18 15:46	12/28/18 18:10
delta 9-THC	93.8	0.0100	%	80-120	12/27/18 15:46	12/28/18 18:10
CBD	89.9	0.0100	%	80-120	12/27/18 15:46	12/28/18 18:10
CBDA	89.7	0.0100	%	80-120	12/27/18 15:46	12/28/18 18:10

Pesticide Analysis

Batch: 1852021 - 202

Blank(1852021-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.08	ppm		12/27/18 10:29	12/27/18 17:15
DDVP (Dichlorvos)	< LOQ	0.01	ppm		12/27/18 10:29	12/28/18 03:09
Acephate	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Acequinocyl	< LOQ	0.08	ppm		12/27/18 10:29	12/27/18 17:15
Acetamiprid	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Aldicarb	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Azoxystrobin	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Bifenazate	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Bifenthrin	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Boscalid	< LOQ	0.01	ppm		12/27/18 10:29	12/28/18 03:09
Carbaryl	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Carbofuran	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Chlorantraniliprole	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Chlorfenapyr	< LOQ	0.2	ppm		12/27/18 10:29	12/28/18 03:09
Chlorpyrifos	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Clofentezine	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Cyfluthrin	< LOQ	0.2	ppm		12/27/18 10:29	12/28/18 03:09
Cypermethrin	< LOQ	0.2	ppm		12/27/18 10:29	12/28/18 03:09
Daminozide	< LOQ	0.03	ppm		12/27/18 10:29	12/27/18 17:15
Diazinon	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Dimethoate	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Ethoprophos	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Etofenprox	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15

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Quality Control

Pesticide Analysis (Continued)

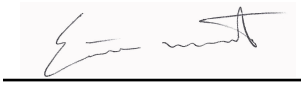
Batch: 1852021 - 202 (Continued)

Blank(1852021-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Etoxazole	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Fenoxycarb	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Fenpyroximate	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Fipronil	< LOQ	0.02	ppm		12/27/18 10:29	12/28/18 03:09
Flonicamid	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Fludioxonil	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Hexythiazox	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Imazalil	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Imidacloprid	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Kresoxim-methyl	< LOQ	0.02	ppm		12/27/18 10:29	12/28/18 03:09
Malathion	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Metalaxyl	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Methiocarb	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Methomyl	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Methyl parathion	< LOQ	0.01	ppm		12/27/18 10:29	12/28/18 03:09
MGK-264	< LOQ	0.01	ppm		12/27/18 10:29	12/28/18 03:09
Myclobutanil	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Naled	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Oxamyl	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Paclobutrazol	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Permethrins	< LOQ	0.2	ppm		12/27/18 10:29	12/28/18 03:09
Phosmet	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Piperonyl butoxide	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Prallethrin	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Propiconazole	< LOQ	0.2	ppm		12/27/18 10:29	12/28/18 03:09
Propoxur	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Pyrethrins	< LOQ	0.08	ppm		12/27/18 10:29	12/27/18 17:15
Pyridaben	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Spinosad	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Spiromesifen	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Spirotetramat	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Spiroxamine	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Tebuconazole	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Thiacloprid	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Thiamethoxam	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15
Trifloxystrobin	< LOQ	0.01	ppm		12/27/18 10:29	12/27/18 17:15

LCS(1852021-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed



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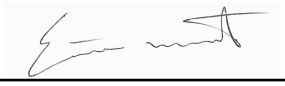
Quality Control

Pesticide Analysis (Continued)

Batch: 1852021 - 202 (Continued)

LCS(1852021-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	27.0	0.08	ppm	7-141	12/27/18 10:29	12/27/18 17:35
DDVP (Dichlorvos)	81.6	0.01	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Acephate	81.9	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Acequinocyl	16.1	0.08	ppm	0-111	12/27/18 10:29	12/27/18 17:35
Acetamiprid	99.5	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Aldicarb	102	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Azoxystrobin	96.8	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Bifenazate	92.4	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Bifenthrin	88.2	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Boscalid	96.1	0.01	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Carbaryl	93.5	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Carbofuran	98.7	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Chlorantraniliprole	69.6	0.01	ppm	26-131	12/27/18 10:29	12/27/18 17:35
Chlorfenapyr	113	0.2	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Chlorpyrifos	93.2	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Clofentezine	23.2	0.01	ppm	35-118	12/27/18 10:29	12/27/18 17:35
Cyfluthrin	93.3	0.2	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Cypermethrin	90.2	0.2	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Daminozide		0.03	ppm	0-100	12/27/18 10:29	12/27/18 17:35
Diazinon	82.8	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Dimethoate	96.7	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Ethoprophos	99.0	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Etofenprox	94.3	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Etoxazole	92.4	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Fenoxycarb	94.6	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Fenpyroximate	70.4	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Fipronil	88.9	0.02	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Flonicamid	96.0	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Fludioxonil	86.3	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Hexythiazox	83.6	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Imazalil	84.5	0.01	ppm	31-103	12/27/18 10:29	12/27/18 17:35
Imidacloprid	98.7	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Kresoxim-methyl	100	0.02	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Malathion	91.5	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Metalaxyl	102	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Methiocarb	100	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Methomyl	99.6	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Methyl parathion	83.8	0.01	ppm	70-130	12/27/18 10:29	12/28/18 03:31



Eric Wendt
Chief Science Officer - 1/3/2019

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Quality Control

Pesticide Analysis (Continued)

Batch: 1852021 - 202 (Continued)

LCS(1852021-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	94.4	0.01	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Myclobutanil	93.1	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Naled	76.6	0.01	ppm	0-103	12/27/18 10:29	12/27/18 17:35
Oxamyl	101	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Paclobutrazol	91.9	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Permethrins	81.3	0.2	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Phosmet	87.2	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Piperonyl butoxide	79.5	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Prallethrin	91.6	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Propiconazole	84.6	0.2	ppm	70-130	12/27/18 10:29	12/28/18 03:31
Propoxur	98.1	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Pyrethrins	98.9	0.08	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Pyridaben	96.0	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Spinosad	70.9	0.01	ppm	24-91	12/27/18 10:29	12/27/18 17:35
Spiromesifen	90.0	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Spirotetramat	96.4	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Spiroxamine	67.8	0.01	ppm	15-95	12/27/18 10:29	12/27/18 17:35
Tebuconazole	89.4	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Thiacloprid	96.1	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Thiamethoxam	97.3	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35
Trifloxystrobin	94.3	0.01	ppm	70-130	12/27/18 10:29	12/27/18 17:35

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Solvent Analysis

Batch: 1852010 - 205

Blank(1852010-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Acetonitrile	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Benzene	< LOQ	0.5000	ppm		12/26/18 12:54	12/27/18 17:00
Butanes	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
2-Butanol	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Cumene	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Cyclohexane	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Dichloromethane	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
1,4-Dioxane	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
2-Ethoxyethanol	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Ethyl acetate	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Ethylene glycol	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Ethylene oxide	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Ethyl ether	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Heptane	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Hexanes	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Isopropyl acetate	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Methanol	< LOQ	100.0	ppm		12/26/18 12:54	12/27/18 17:00
Pentanes	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Propane	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
2-Propanol (IPA)	< LOQ	1000	ppm		12/26/18 12:54	12/27/18 17:00
Tetrahydrofuran	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Toluene	< LOQ	50.00	ppm		12/26/18 12:54	12/27/18 17:00
Xylenes	0.000		ppm		12/26/18 12:54	12/27/18 17:00

LCS(1852010-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	104	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Acetonitrile	102	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Benzene	103	0.5000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
n-Butane	94.7	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Butanes	89.4	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
2-Butanol	100	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Cumene	98.9	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Cyclohexane	103	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Dichloromethane	106	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
1,4-Dioxane	108	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
2-Ethoxyethanol	101	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Ethyl acetate	102	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58

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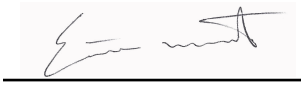
Quality Control

Solvent Analysis (Continued)

Batch: 1852010 - 205 (Continued)

LCS(1852010-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	97.1	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Ethylene glycol	127	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Ethylene oxide	106	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Ethyl ether	104	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Heptane	103	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
n-Hexane	104	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Hexanes	104	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
iso-Butane	84.1	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Isopropyl acetate	103	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
iso-Pentane	101	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Methanol	102	100.0	ppm	70-130	12/26/18 12:54	12/26/18 18:58
2-Methylpentane	105	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
3-Methylpentane	104	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
neo-Pentane	95.6	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
n-Pentane	102	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Pentanes	99.4	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Propane	72.9	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
2-Propanol (IPA)	103	1000	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Tetrahydrofuran	104	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58
Toluene	102	50.00	ppm	70-130	12/26/18 12:54	12/26/18 18:58



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