

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

 Green Leaf Lab proudly follows TNI 2009
 Quality Standards

Chocolate Kush

Green Leaf Lab

Date Sampled: 06/23/17 00:00

Date Accepted: 06/26/17

Results Valid Until: 06/23/18

Sample ID: G7F0143-01

Matrix: Useable Marijuana

M #: M123456

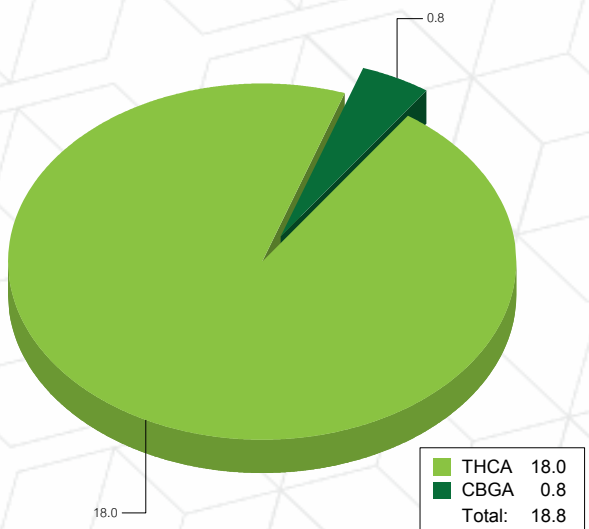
Potency Analysis

Date/Time Extracted: 06/27/17 12:24

Analysis Method/SOP: 215

Date/Time Analyzed: 06/27/17 12:50

Batch Identification: 1726017

Cannabinoids (% weight)	Moisture Adjusted	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	16.00	
Total CBD ((CBDA*0.877)+CBD)	< LOQ	
THCA	17.25	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	0.7805	
CBDA	< LOQ	
CBD	< LOQ	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	18.26	
	19.02	

4.00% Moisture

Water Activity

Date/Time Extracted: 06/27/17 12:00

Analysis Method/SOP: 102

Date/Time Analyzed: 06/27/17 12:00

Water Activity: 0.500 at 24°C

Moisture

Date/Time Extracted: 06/27/17 12:01

Analysis Method/SOP: 103

Date/Time Analyzed: 06/27/17 12:01

Moisture: 4.00 %

<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 - 6/27/2017

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Date Accepted: 06/26/17

Results Valid Until: 06/23/18

Sample ID: G7F0143-01

Matrix: Useable Marijuana

M #: M123456

Terpene Analysis

Date/Time Extracted: 06/27/17 11:39

Analysis Method/SOP: 204

Date/Time Analyzed: 06/22/17 21:15

Monoterpenes	Results in %	Monoterpenes	Results in %
Camphene	< LOQ	Camphor	< LOQ
3-Carene	< LOQ	alpha-Cedrene	< LOQ
Cedrol	< LOQ	Endo-fenchyl alcohol	< LOQ
Eucalyptol	< LOQ	Fenchone	< LOQ
Geraniol	< LOQ	Geranyl acetate	< LOQ
Hexahydrothymol	< LOQ	Isoborneol	< LOQ
Isopulegol	< LOQ	Limonene	0.1365
Linalool	0.05441	p-Mentha-1,5-diene	< LOQ
beta-Myrcene	0.4625	Ocimene	< LOQ
alpha-Pinene	0.1608	beta-Pinene	0.07568
Pulegone	< LOQ	Sabinene	< LOQ
Sabinene hydrate	< LOQ	gamma-Terpinene	< LOQ
alpha-Terpinene	< LOQ	Terpineol	< LOQ
Terpinolene	< LOQ	Nerol	< LOQ
Borneol	< LOQ		
Sesquiterpenes	Results in %	Sesquiterpenes	Results in %
alpha-Bisabolol	0.1104	beta-Caryophyllene	0.4988
Caryophyllene Oxide	< LOQ	Guaiol	< LOQ
alpha-Humulene	0.1504	Nerolidol	< LOQ
Valencene	< LOQ		
Total Terpenes	1.650 %		

About your terpene profile

Terpenes are aromatic molecules found in plant resins. They are not only responsible for the many unique smells of Cannabis, but they accentuate the holistic effect of cannabinoids as well. Terpene profiles can be utilized to quantify strong flavor, identify different strains and achieve therapeutic benefits.

Green Leaf Lab's terpene analysis quantifies the 36 most common terpenes found in Cannabis sativa.

Monoterpenes:

All of the monoterpenes are very similar in chemical structure, containing 10 carbons and 6 hydrogens. Although, they are similar, the varying arrangements produce distinct aromas. Changes such as oxidation and rearrangement produce monoterpenoids which will have a different chemical formula.

Monoterpenes are more volatile than sesquiterpenes; the aromas tend to be stronger and they are more prone to being lost by heating and oxidation. Myrcene and Limonene are examples of an acyclic and cyclic monoterpene, respectively. They both share a basic structure containing a backbone of 10 carbon atoms, however arranged uniquely.

Sesquiterpenes:

The sesquiterpenes are a more complex class of terpenes. They are also generally aromatic, but are also heavier and less volatile. Thus, they often remain after some of the more volatile monoterpenes have broken down under heat or oxidation.

<LOQ - Results below the Limit of Quantitation - Compound not detected Terpene Analysis is not ORELAP Accredited.



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Date Sampled: 06/23/17 00:00

Green Leaf Lab

Date Accepted: 06/26/17

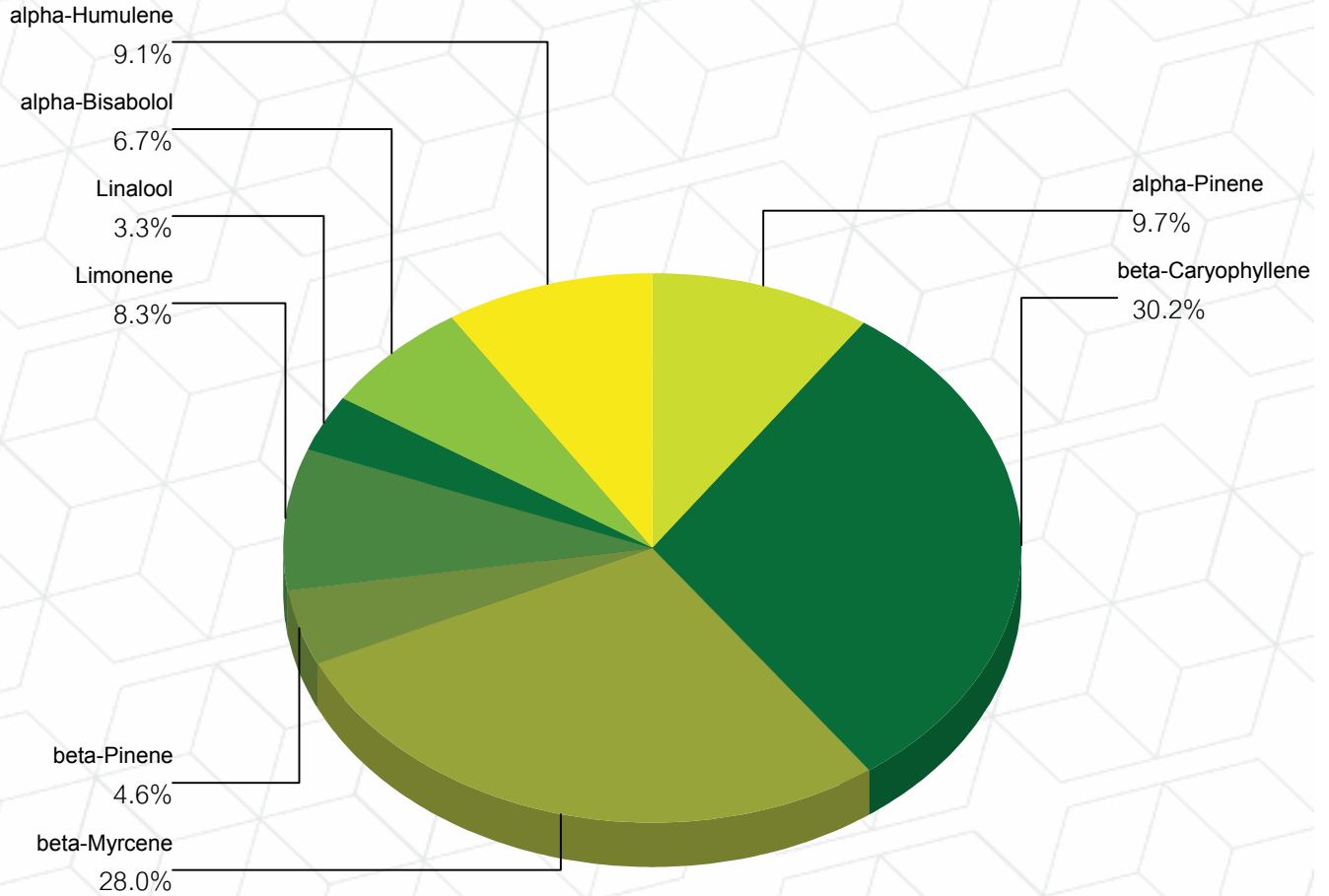
Sample ID: G7F0143-01

Matrix: Useable Marijuana

M #: M123456

Results Valid Until: 06/23/18

Terpene Profile



Percentage of Total Terpenes Identified

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Date Accepted: 06/26/17

Results Valid Until: 06/23/18

Green Leaf Lab

Sample ID: G7F0143-01

Matrix: Useable Marijuana

M #: M123456

Pesticide Analysis in PPM

Date/Time Extracted: 06/27/17 11:11

Date/Time GC Analyzed: 06/27/17 00:29

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/14/17 02:17

Batch Identification: 1726007

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.05	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.05	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.05	Acaricide
Acetamiprid	< LOQ	0.2	0.05	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.05	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.05	QoI fungicide
Bifenazate	< LOQ	0.2	0.05	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.05	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.05	Carboxamide fungicide
Carbaryl	0.07	0.2	0.05	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.05	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.05	Anthranilic diamide insecticide
Chlorfenapyr	0.1	1	0.05	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.05	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.05	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.05	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.05	Pyrethroid insecticide
Daminozide	< LOQ	1	0.05	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.05	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.05	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.05	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.05	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.05	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.05	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.05	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.05	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.05	Pyrazole insecticide
Fonicamid	< LOQ	1	0.05	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.05	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.05	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.05	Azole fungicide
Imidacloprid	0.4	0.4	0.05	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.05	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.05	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.05	Phenylamide fungicide
Methiocarb	< LOQ	0.2	0.05	Carbamate insecticide



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Sample ID: G7F0143-01

Matrix: Useable Marijuana

M #: M123456

Pesticide Analysis in PPM

Date/Time Extracted: 06/27/17 11:11

Date/Time GC Analyzed: 06/27/17 00:29

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/14/17 02:17

Batch Identification: 1726007

Analyte	Result	Action Level	LOQ	Type
Methomyl	< LOQ	0.4	0.05	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.05	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.05	Synergist
Myclobutanil	< LOQ	0.2	0.05	Triazole fungicide
Naled	< LOQ	0.5	0.05	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.05	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.05	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.05	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.05	Organophosphate insecticide and acaricide
Piperonyl butoxide	0.09	2	0.05	Synergist
Prallethrin	< LOQ	0.2	0.05	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.05	Triazole fungicide
Propoxur	< LOQ	0.2	0.05	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.05	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.05	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.05	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.05	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.05	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.05	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.05	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.05	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.05	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.05	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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Blue Magoo CO2 Oil

Green Leaf Lab

Date Sampled: 06/23/17 00:00

Date Accepted: 06/26/17

Results Valid Until: 06/23/18

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Potency Analysis

Date/Time Extracted: 06/27/17 12:42

Analysis Method/SOP: 215

Date/Time Analyzed: 06/27/17 12:57


Batch Identification: 1726019

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile								
Total THC ((THCA*0.877)+Δ9)	50.54	<table border="1"> <tr> <td>THCA</td> <td>17.3</td> </tr> <tr> <td>delta 9-THC</td> <td>35.4</td> </tr> <tr> <td>CBGA</td> <td>1.2</td> </tr> <tr> <td>Total:</td> <td>53.9</td> </tr> </table>	THCA	17.3	delta 9-THC	35.4	CBGA	1.2	Total:	53.9
THCA	17.3									
delta 9-THC	35.4									
CBGA	1.2									
Total:	53.9									
Total CBD ((CBDA*0.877)+CBD)	< LOQ									
THCA	17.26									
delta 9-THC	35.40									
delta 8-THC	< LOQ									
THCV	< LOQ									
CBGA	1.243									
CBDA	< LOQ									
CBD	< LOQ									
CBDV	< LOQ									
CBN	< LOQ									
CBG	< LOQ									
CBC	< LOQ									
Total Cannabinoids	54.74									

<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

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Blue Magoo CO2 Oil

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Green Leaf Lab

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Terpene Analysis

Date/Time Extracted: 06/27/17 11:40

Analysis Method/SOP: 204

Date/Time Analyzed: 06/23/17 02:12

Monoterpenes	Results in %	Monoterpenes	Results in %
Camphene	< LOQ	Camphor	< LOQ
3-Carene	< LOQ	alpha-Cedrene	< LOQ
Cedrol	< LOQ	Endo-fenchyl alcohol	0.2835
Eucalyptol	< LOQ	Fenchone	< LOQ
Geraniol	< LOQ	Geranyl acetate	< LOQ
Hexahydrothymol	< LOQ	Isoborneol	< LOQ
Isopulegol	< LOQ	Limonene	0.8956
Linalool	0.4632	p-Mentha-1,5-diene	< LOQ
beta-Myrcene	0.3545	Ocimene	0.1869
alpha-Pinene	0.2118	beta-Pinene	0.1941
Pulegone	< LOQ	Sabinene	< LOQ
Sabinene hydrate	< LOQ	gamma-Terpinene	< LOQ
alpha-Terpinene	< LOQ	Terpineol	0.2957
Terpinolene	< LOQ	Nerol	< LOQ
Borneol	< LOQ		
Sesquiterpenes	Results in %	Sesquiterpenes	Results in %
alpha-Bisabolol	< LOQ	beta-Caryophyllene	2.881
Caryophyllene Oxide	0.2207	Guaiol	0.4776
alpha-Humulene	1.293	Nerolidol	< LOQ
Valencene	< LOQ		
Total Terpenes	7.758 %		

About your terpene profile

Terpenes are aromatic molecules found in plant resins. They are not only responsible for the many unique smells of Cannabis, but they accentuate the holistic effect of cannabinoids as well. Terpene profiles can be utilized to quantify strong flavor, identify different strains and achieve therapeutic benefits.

Green Leaf Lab's terpene analysis quantifies the 36 most common terpenes found in Cannabis sativa.

Monoterpenes:

All of the monoterpenes are very similar in chemical structure, containing 10 carbons and 6 hydrogens. Although, they are similar, the varying arrangements produce distinct aromas. Changes such as oxidation and rearrangement produce monoterpenoids which will have a different chemical formula.

Monoterpenes are more volatile than sesquiterpenes; the aromas tend to be stronger and they are more prone to being lost by heating and oxidation. Myrcene and Limonene are examples of an acyclic and cyclic monoterpene, respectively. They both share a basic structure containing a backbone of 10 carbon atoms, however arranged uniquely.

Sesquiterpenes:

The sesquiterpenes are a more complex class of terpenes. They are also generally aromatic, but are also heavier and less volatile. Thus, they often remain after some of the more volatile monoterpenes have broken down under heat or oxidation.

<LOQ - Results below the Limit of Quantitation - Compound not detected Terpene Analysis is not ORELAP Accredited.



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Blue Magoo CO2 Oil

Date Sampled: 06/23/17 00:00

Date Accepted: 06/26/17

Results Valid Until: 06/23/18

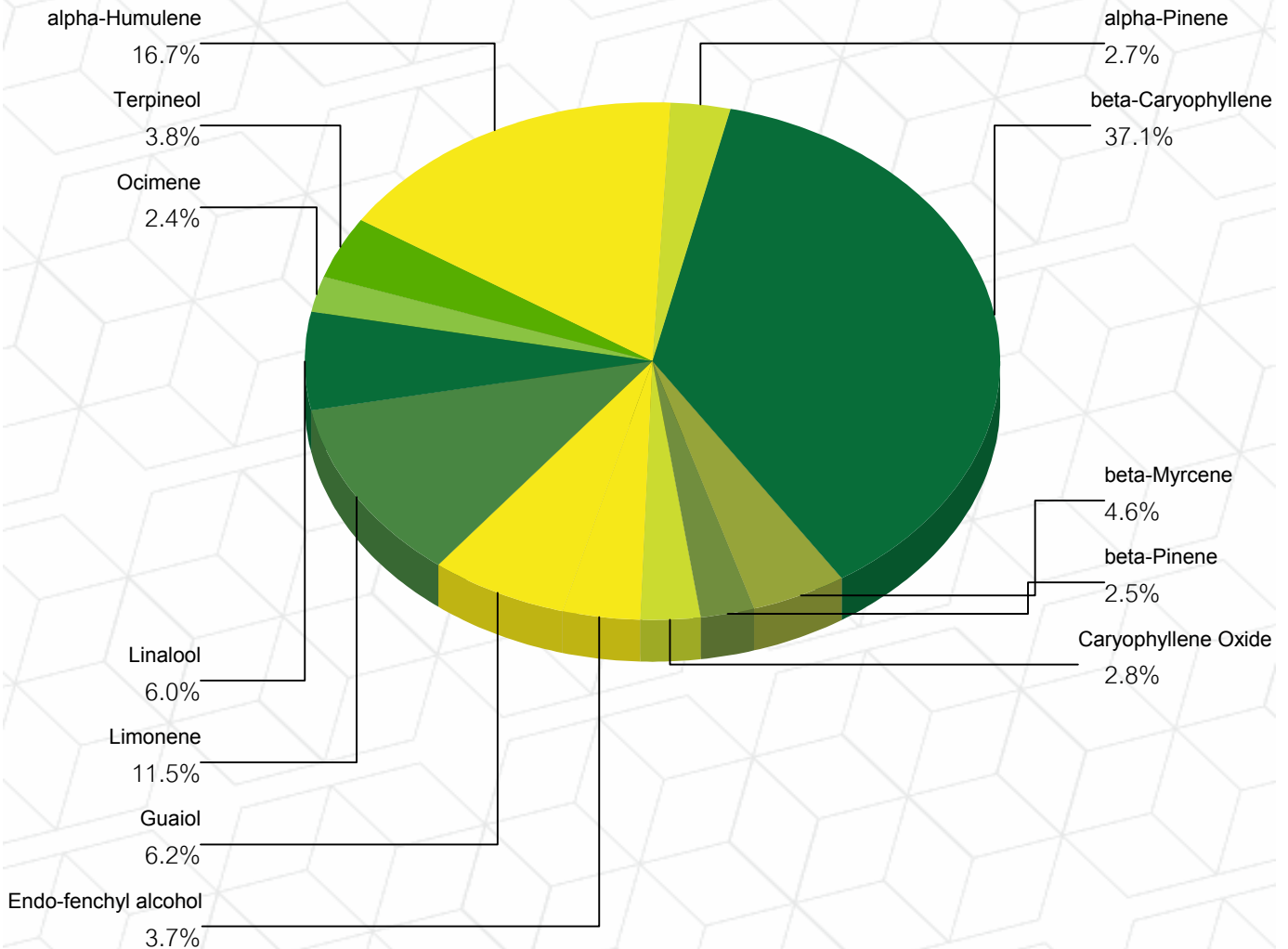
Green Leaf Lab

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Terpene Profile



Percentage of Total Terpenes Identified

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Blue Magoo CO2 Oil

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Date Accepted: 06/26/17

Results Valid Until: 06/23/18

Green Leaf Lab

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Pesticide Analysis in PPM

Date/Time Extracted: 06/27/17 11:13

Date/Time GC Analyzed: 06/23/17 02:47

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/05/17 23:54

Batch Identification: 1726008

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.2	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.2	Acaricide
Acetamiprid	< LOQ	0.2	0.2	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.2	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.2	QoI fungicide
Bifenazate	< LOQ	0.2	0.2	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.1	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.2	Carboxamide fungicide
Carbaryl	18.1	0.2	0.2	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.2	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.2	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.1	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.1	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.2	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.1	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.1	Pyrethroid insecticide
Daminozide	< LOQ	1	0.2	Plant growth regulator
DDVP (Dichlorvos)	0.2	1	0.1	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.2	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.2	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.2	Organophosphate insecticide, nematocide
Etofenprox	0.2	0.4	0.2	Pyrethroid insecticide
Etoazole	< LOQ	0.2	0.2	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.2	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.2	Pyrazolium insecticide and acaricide
Fipronil	0.8	0.4	0.1	Pyrazole insecticide
Fonicamid	< LOQ	1	0.2	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.2	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.2	Azole fungicide
Imidacloprid	< LOQ	0.4	0.2	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.1	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.2	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.2	Phenylamide fungicide
Methiocarb	< LOQ	0.2	0.2	Carbamate insecticide



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Green Leaf Lab

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Pesticide Analysis in PPM

Date/Time Extracted: 06/27/17 11:13

Date/Time GC Analyzed: 06/23/17 02:47

Analysis Method/SOP: 203

Date/Time LC Analyzed: 06/05/17 23:54

Batch Identification: 1726008

Analyte	Result	Action Level	LOQ	Type
Methomyl	< LOQ	0.4	0.2	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.1	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1	Synergist
Myclobutanil	< LOQ	0.2	0.2	Triazole fungicide
Naled	< LOQ	0.5	0.1	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.2	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.2	Triazole fungicide and plant growth regulator
Permethrins	0.3	0.2	0.2	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.2	Organophosphate insecticide and acaricide
Piperonyl butoxide	36.9	2	0.2	Synergist
Prallethrin	< LOQ	0.2	0.2	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.1	Triazole fungicide
Propoxur	< LOQ	0.2	0.2	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.2	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.2	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.2	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.2	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.2	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.2	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.2	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.2	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.2	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.2	Strobilurin fungicide

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

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Blue Magoo CO2 Oil

Green Leaf Lab

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Results Valid Until: 06/23/18

Sample ID: G7F0143-02

Matrix: Extracts and Concentrates

M #: M789123

Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	
Acetonitrile	< LOQ	50.00	410	
Benzene	< LOQ	1.000	2	
Butanes	< LOQ	1000	5000 3	3 - Total butanes should be calculated as sum of n-butanenes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)
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	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)
Ethyl acetate	< LOQ	1000	5000	
Ethylene glycol	< LOQ	50.00	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	1000	5000	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)
Heptane	< LOQ	1000	5000	
Hexanes	< LOQ	50.00	290 4	
Isopropyl acetate	< LOQ	1000	5000	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)
Methanol	251.1	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	< LOQ	50.00	2170 6	

<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: 1726017 - 215-Useable

Blank(1726017-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.2140	%		06/27/17 12:24	06/27/17 12:57
delta 9-THC	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
delta 8-THC	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBGA	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
THCV	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBDA	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBD	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBDV	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBN	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBG	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57
CBC	< LOQ	0.3340	%		06/27/17 12:24	06/27/17 12:57

LCS(1726017-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	96.7	0.0054	%	80-120	06/27/17 12:24	06/27/17 12:50
delta 9-THC	98.1	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50
CBDA	97.0	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50
CBD	97.5	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50

LCS(1726017-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.8	0.0054	%	80-120	06/27/17 12:24	06/27/17 12:50
delta 9-THC	104	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50
CBDA	102	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50
CBD	102	0.0084	%	80-120	06/27/17 12:24	06/27/17 12:50

Batch: 1726019 - 215-Concentrates

Blank(1726019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
delta 9-THC	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
delta 8-THC	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBGA	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
THCV	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBDA	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBD	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBDV	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBN	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBG	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57
CBC	< LOQ	1.200	%		06/27/17 12:42	06/27/17 12:57



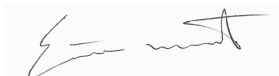
 Eric Wendt
 Chief Science Officer - 6/27/2017

Quality Control Potency (Continued)

Batch: 1726019 - 215-Concentrates (Continued)

LCS(1726019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
delta 9-THC	102	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
CBDA	99.6	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
CBD	101	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57

LCS(1726019-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	104	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
delta 9-THC	106	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
CBDA	103	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57
CBD	104	0.015	%	80-120	06/27/17 12:42	06/27/17 12:57



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Quality Control

Pesticide Analysis

Batch: 1726007 - 203

Blank(1726007-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
DDVP (Dichlorvos)	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Acephate	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Acequinocyl	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Acetamiprid	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Aldicarb	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Azoxystrobin	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Bifenazate	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Bifenthrin	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Boscalid	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Carbaryl	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Carbofuran	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Chlorantraniliprole	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Chlorfenapyr	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Chlorpyrifos	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Clofentezine	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Cyfluthrin	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Cypermethrin	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Daminozide	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Diazinon	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Dimethoate	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Ethoprophos	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Etofenprox	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Etoxazole	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Fenoxycarb	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Fenpyroximate	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Fipronil	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Fonicamid	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Fludioxonil	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Hexythiazox	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Imazalil	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Imidacloprid	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Kresoxim-methyl	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Malathion	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Metalaxyl	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Methiocarb	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Methomyl	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Methyl parathion	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47



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Quality Control

Pesticide Analysis (Continued)

Batch: 1726007 - 203 (Continued)

Blank(1726007-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Myclobutanil	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Naled	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Oxamyl	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Paclobutrazol	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Permethrins	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Phosmet	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Piperonyl butoxide	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Prallethrin	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Propiconazole	< LOQ	0.05	ppm		06/27/17 11:11	06/26/17 20:47
Propoxur	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Pyrethrins	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Pyridaben	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Spinosad	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Spiromesifen	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Spirotetramat	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Spiroxamine	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Tebuconazole	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Thiacloprid	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Thiamethoxam	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33
Trifloxystrobin	< LOQ	0.05	ppm		06/27/17 11:11	06/13/17 23:33

LCS(1726007-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	50.5	0.05	ppm	7-141	06/27/17 11:11	06/13/17 23:46
DDVP (Dichlorvos)	76.6	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Acephate	91.0	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Acequinocyl	65.2	0.05	ppm	0-111	06/27/17 11:11	06/13/17 23:46
Acetamiprid	107	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Aldicarb	111	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Azoxystrobin	107	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Bifenazate	159	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Bifenthrin	80.2	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Boscalid	97.6	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Carbaryl	95.5	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Carbofuran	98.2	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Chlorantraniliprole	65.1	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Chlorfenapyr	92.0	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Chlorpyrifos	92.0	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05



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Quality Control

Pesticide Analysis (Continued)

Batch: 1726007 - 203 (Continued)

LCS(1726007-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	73.2	0.05	ppm	35-118	06/27/17 11:11	06/13/17 23:46
Cyfluthrin	77.4	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Cypermethrin	81.8	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Daminozide	7.25	0.05	ppm	0-100	06/27/17 11:11	06/13/17 23:46
Diazinon	95.4	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Dimethoate	104	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Ethoprophos	94.4	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Etofenprox	78.4	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Etoxazole	95.5	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Fenoxycarb	91.9	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Fenpyroximate	88.0	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Fipronil	96.7	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Fonicamid	103	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Fludioxonil	83.5	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Hexythiazox	103	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Imazalil	60.5	0.05	ppm	31-103	06/27/17 11:11	06/13/17 23:46
Imidacloprid	104	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Kresoxim-methyl	84.2	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Malathion	90.1	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Metalaxyl	103	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Methiocarb	117	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Methomyl	110	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Methyl parathion	99.3	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
MGK-264	88.6	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Myclobutanil	97.7	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Naled	78.9	0.05	ppm	0-103	06/27/17 11:11	06/26/17 21:05
Oxamyl	111	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Paclobutrazol	91.5	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Permethrins	75.2	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Phosmet	111	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Piperonyl butoxide	126	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Prallethrin	74.3	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Propiconazole	81.9	0.05	ppm	70-130	06/27/17 11:11	06/26/17 21:05
Propoxur	102	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Pyrethrins	86.4	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Pyridaben	91.5	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Spinosad	52.8	0.05	ppm	24-91	06/27/17 11:11	06/13/17 23:46
Spiromesifen	99.7	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46



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Quality Control

Pesticide Analysis (Continued)

Batch: 1726007 - 203 (Continued)

LCS(1726007-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	97.8	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Spiroxamine	61.4	0.05	ppm	15-95	06/27/17 11:11	06/13/17 23:46
Tebuconazole	82.8	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Thiacloprid	112	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Thiamethoxam	104	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46
Trifloxystrobin	109	0.05	ppm	70-130	06/27/17 11:11	06/13/17 23:46

Batch: 1726008 - 203

Blank(1726008-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
DDVP (Dichlorvos)	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Acephate	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Acequinocyl	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Acetamiprid	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Aldicarb	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Azoxystrobin	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Bifenazate	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Bifenthrin	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Boscalid	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Carbaryl	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Carbofuran	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Chlorantraniliprole	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Chlorfenapyr	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Chlorpyrifos	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Clofentezine	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Cyfluthrin	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Cypermethrin	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Daminozide	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Diazinon	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Dimethoate	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Ethoprophos	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Etofenprox	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Etoxazole	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Fenoxycarb	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Fenpyroximate	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Fipronil	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Fonicamid	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Fludioxonil	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33



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Quality Control

Pesticide Analysis (Continued)

Batch: 1726008 - 203 (Continued)

Blank(1726008-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Hexythiazox	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Imazalil	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Imidacloprid	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Kresoxim-methyl	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Malathion	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Metalaxyl	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Methiocarb	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Methomyl	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Methyl parathion	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
MGK-264	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Myclobutanil	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Naled	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Oxamyl	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Paclobutrazol	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Permethrins	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Phosmet	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Piperonyl butoxide	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Prallethrin	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Propiconazole	< LOQ	0.1	ppm		06/27/17 11:13	06/23/17 01:33
Propoxur	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Pyrethrins	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Pyridaben	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Spinosad	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Spiromesifen	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Spirotetramat	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Spiroxamine	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Tebuconazole	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Thiacloprid	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Thiamethoxam	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03
Trifloxystrobin	< LOQ	0.2	ppm		06/27/17 11:13	06/05/17 23:03

LCS(1726008-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	43.8	0.2	ppm	7-141	06/27/17 11:13	06/05/17 23:16
DDVP (Dichlorvos)	81.8	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Acephate	79.6	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Acequinocyl	52.8	0.2	ppm	0-111	06/27/17 11:13	06/05/17 23:16
Acetamiprid	80.5	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Aldicarb	80.5	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16




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Quality Control

Pesticide Analysis (Continued)

Batch: 1726008 - 203 (Continued)

LCS(1726008-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Azoxystrobin	79.7	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Bifenazate	127	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Bifenthrin	98.6	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Boscalid	83.9	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Carbaryl	83.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Carbofuran	77.8	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Chlorantraniliprole	50.7	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Chlorfenapyr	107	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Chlorpyrifos	84.4	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Clofentezine	52.8	0.2	ppm	35-118	06/27/17 11:13	06/05/17 23:16
Cyfluthrin	95.1	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Cypermethrin	94.5	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Daminozide	17.8	0.2	ppm	0-100	06/27/17 11:13	06/05/17 23:16
Diazinon	80.6	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Dimethoate	86.7	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Ethoprophos	76.0	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Etofenprox	72.1	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Etoxazole	76.7	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Fenoxycarb	80.2	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Fenpyroximate	55.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Fipronil	109	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Fonicamid	79.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Fludioxonil	84.5	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Hexythiazox	83.8	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Imazalil	56.7	0.2	ppm	31-103	06/27/17 11:13	06/05/17 23:16
Imidacloprid	90.0	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Kresoxim-methyl	94.2	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Malathion	88.6	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Metalaxyl	75.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Methiocarb	94.1	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Methomyl	110	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Methyl parathion	98.0	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
MGK-264	93.7	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Myclobutanil	92.0	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Naled	124	0.1	ppm	0-103	06/27/17 11:13	06/23/17 01:52
Oxamyl	99.0	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Paclobutrazol	78.2	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Permethrins	86.2	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16



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Quality Control

Pesticide Analysis (Continued)

Batch: 1726008 - 203 (Continued)

LCS(1726008-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Phosmet	89.0	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Piperonyl butoxide	99.6	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Prallethrin	78.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Propiconazole	96.4	0.1	ppm	70-130	06/27/17 11:13	06/23/17 01:52
Propoxur	86.8	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Pyrethrins	102	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Pyridaben	79.8	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Spinosad	40.8	0.2	ppm	24-91	06/27/17 11:13	06/05/17 23:16
Spiromesifen	79.4	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Spirotetramat	80.5	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Spiroxamine	64.2	0.2	ppm	15-95	06/27/17 11:13	06/05/17 23:16
Tebuconazole	69.5	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Thiacloprid	86.6	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Thiamethoxam	147	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16
Trifloxystrobin	88.9	0.2	ppm	70-130	06/27/17 11:13	06/05/17 23:16



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Quality Control Solvent Analysis

Batch: 1726006 - 205

Blank(1726006-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Acetonitrile	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Benzene	< LOQ	1.000	ppm		06/27/17 11:02	06/27/17 12:58
Butanes	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
2-Butanol	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Cumene	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Cyclohexane	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Dichloromethane	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
1,4-Dioxane	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
2-Ethoxyethanol	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Ethyl acetate	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Ethylene glycol	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Ethylene oxide	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Ethyl ether	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Heptane	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Hexanes	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Isopropyl acetate	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Methanol	< LOQ	100.0	ppm		06/27/17 11:02	06/27/17 12:58
Pentanes	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Propane	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
2-Propanol (IPA)	< LOQ	1000	ppm		06/27/17 11:02	06/27/17 12:58
Tetrahydrofuran	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Toluene	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58
Xylenes	< LOQ	50.00	ppm		06/27/17 11:02	06/27/17 12:58

LCS(1726006-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	96.0	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Acetonitrile	101	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Benzene	94.1	1.000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
n-Butane	93.6	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Butanes	91.9	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
2-Butanol	94.5	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Cumene	95.6	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Cyclohexane	94.9	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Dichloromethane	96.4	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
1,4-Dimethylbenzene	94.9	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
1,4-Dioxane	104	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
2-Ethoxyethanol	90.4	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50



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Quality Control

Solvent Analysis (Continued)

Batch: 1726006 - 205 (Continued)

LCS(1726006-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	96.9	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Ethyl benzene	94.8	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Ethylene glycol	101	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Ethylene oxide	92.1	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Ethyl ether	94.2	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Heptane	96.2	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
n-Hexane	93.1	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Hexanes	92.1	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
iso-Butane	90.3	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Isopropyl acetate	97.1	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
iso-Pentane	93.5	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Methanol	92.5	100.0	ppm	70-130	06/27/17 11:02	06/27/17 12:50
2-Methylpentane	93.0	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
3-Methylpentane	92.9	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
neo-Pentane	94.1	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
n-Pentane	93.7	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Pentanes	93.8	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Propane	90.3	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
2-Propanol (IPA)	97.4	1000	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Tetrahydrofuran	96.3	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Toluene	98.4	50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50
Xylenes MP		50.00	ppm	70-130	06/27/17 11:02	06/27/17 12:50



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