



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

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Tangie CO2 Oil

OM Extracts

Sample ID: G8A0198-01

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Results at a Glance

Total THC : 62.41 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Terpenes : 4.470 % PASS

Eric Wendt
Chief Science Officer - 1/26/2018



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Tangie CO2 Oil

OM Extracts

Sample ID: G8A0198-01

Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000027

Source RFID: 1A4010300014ADD000000026

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Potency Analysis

Date/Time Extracted: 01/24/18 11:18

Analysis Method/SOP: 215

Date/Time Analyzed: 01/24/18 18:07

Batch Identification: 1804024

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile								
Total THC ((THCA*0.877)+Δ9)	62.41	<table border="1"> <tr><td>THCA</td><td>45.4</td></tr> <tr><td>delta 9-THC</td><td>22.6</td></tr> <tr><td>CBGA</td><td>1.4</td></tr> <tr><td>Total</td><td>69.4</td></tr> </table>	THCA	45.4	delta 9-THC	22.6	CBGA	1.4	Total	69.4
THCA	45.4									
delta 9-THC	22.6									
CBGA	1.4									
Total	69.4									
Total CBD ((CBDA*0.877)+CBD)	< LOQ									
THCA	45.44									
delta 9-THC	22.56									
delta 8-THC	< LOQ									
THCV	< LOQ									
CBGA	1.374									
CBDA	< LOQ									
CBD	< LOQ									
CBDV	< LOQ									
CBN	< LOQ									
CBG	< LOQ									
CBC	< LOQ									
Total Cannabinoids	69.37									

<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: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Terpene Analysis

Date/Time Extracted: 01/24/18 11:18

Analysis Method/SOP: 204

Date/Time Analyzed: 01/25/18 16:19

Monoterpenes	Results in %	Monoterpenes	Results in %
Camphene	< LOQ	Camphor	< LOQ
3-Carene	< LOQ	alpha-Cedrene	< LOQ
Cedrol	< LOQ	Endo-fenchyl alcohol	0.06398
Eucalyptol	< LOQ	Fenchone	< LOQ
Geraniol	< LOQ	Geranyl acetate	< LOQ
Hexahydrothymol	< LOQ	Isoborneol	< LOQ
Isopulegol	< LOQ	Limonene	0.04086
Linalool	0.1631	p-Mentha-1,5-diene	< LOQ
beta-Myrcene	0.1086	Ocimene	< LOQ
alpha-Pinene	< LOQ	beta-Pinene	< LOQ
Pulegone	< LOQ	Sabinene	< LOQ
Sabinene hydrate	< LOQ	gamma-Terpinene	< LOQ
alpha-Terpinene	< LOQ	Terpineol	0.06762
Terpinolene	< LOQ	Nerol	< LOQ
Borneol	< LOQ		
Sesquiterpenes	Results in %	Sesquiterpenes	Results in %
alpha-Bisabolol	0.6880	beta-Caryophyllene	2.364
Caryophyllene Oxide	0.1352	Guaiol	0.05778
alpha-Humulene	0.6843	Nerolidol	0.09572
Valencene	< LOQ		
Total Terpenes	4.470 %		

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 Accepted: 01/22/18

Results Valid Until: 01/22/19

OM Extracts

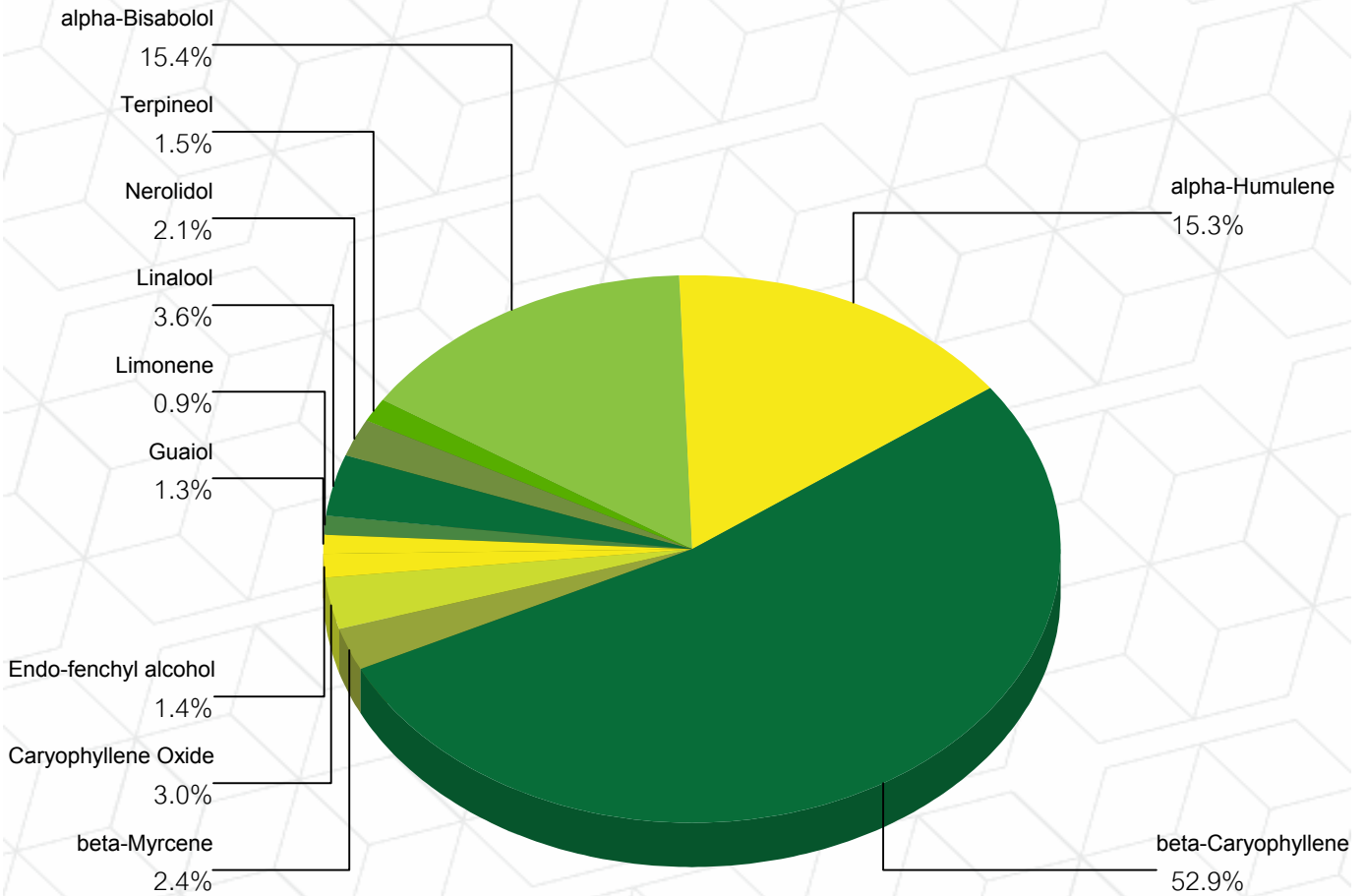
Sample ID: G8A0198-01

Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000027

Source RFID: 1A4010300014ADD000000026

Terpene Profile



Percentage of Total Terpenes Identified

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OM Extracts

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Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000027

Source RFID: 1A4010300014ADD000000026

Date Sampled: 01/22/18

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Pesticide Analysis in PPM

Date/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:27

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:13

Batch Identification: 1804010

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	0.1	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.1	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.1	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.1	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.1	Pyrethroid insecticide
Daminozide	< LOQ	1	0.1	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.1	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.1	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1	Organophosphate insecticide, nematocide
Etofenprox	0.2	0.4	0.1	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.1	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.1	Pyrazole insecticide
Flonicamid	< LOQ	1	0.1	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1	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	0.1	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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Pesticide Analysis in PPM

Date/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:27

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:13

Batch Identification: 1804010

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	0.1	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1	Synergist
Myclobutanil	< LOQ	0.2	0.1	Triazole fungicide
Naled	< LOQ	0.5	0.1	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	0.1	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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Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	Date/Time Extracted: 01/23/18 13:12 Date/Time Analyzed: 01/24/18 06:57 Analysis Method/SOP: 205 Batch Identification: 1804017 3 - Total butanes should be calculated as sum of n-butanenes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5) 4 - Total hexanes should be calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8) 5 - Total pentanes should be calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1) 6 - Total xylenes are 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)
Acetonitrile	< LOQ	50.00	410	
Benzene	< LOQ	0.5000	2	
Butanes	< LOQ	1000	5000 3	
2-Butanol	< LOQ	1000	5000	
Cumene	< LOQ	50.00	70	
Cyclohexane	< LOQ	50.00	3880	
Dichloromethane	< LOQ	50.00	600	
1,4-Dioxane	< LOQ	50.00	380	
2-Ethoxyethanol	< LOQ	50.00	160	
Ethyl acetate	< LOQ	1000	5000	
Ethylene glycol	< LOQ	50.00	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	1000	5000	
Heptane	< LOQ	1000	5000	
Hexanes	< LOQ	50.00	290 4	
Isopropyl acetate	< LOQ	1000	5000	
Methanol	< LOQ	100.0	3000	
Pentanes	< LOQ	1000	5000 5	
Propane	< LOQ	1000	5000	
2-Propanol (IPA)	< LOQ	1000	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	

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

Batch: 1804024 - 215-Concentrates

Blank(1804024-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 9-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 8-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBGA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
THCV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBD	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBN	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBG	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21

LCS(1804024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	103	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
delta 9-THC	106	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBDA	110	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBD	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32

LCS(1804024-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.5	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
delta 9-THC	102	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBDA	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBD	101	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44

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Date Accepted: 01/22/18

Results Valid Until: 01/22/19

Results at a Glance

Total THC : 62.49 %

Pesticides : PASS

Residual Solvent Analysis : PASS

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Date/Time Extracted: 01/24/18 11:18

Analysis Method/SOP: 215

Date/Time Analyzed: 01/24/18 18:19

Batch Identification: 1804024

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile								
Total THC ((THCA*0.877)+Δ9)	62.49	<table border="1"> <tr><td>THCA</td><td>45.5</td></tr> <tr><td>delta 9-THC</td><td>22.6</td></tr> <tr><td>CBGA</td><td>1.4</td></tr> <tr><td>Total</td><td>69.5</td></tr> </table>	THCA	45.5	delta 9-THC	22.6	CBGA	1.4	Total	69.5
THCA	45.5									
delta 9-THC	22.6									
CBGA	1.4									
Total	69.5									
Total CBD ((CBDA*0.877)+CBD)	< LOQ									
THCA	45.48									
delta 9-THC	22.61									
delta 8-THC	< LOQ									
THCV	< LOQ									
CBGA	1.382									
CBDA	< LOQ									
CBD	< LOQ									
CBDV	< LOQ									
CBN	< LOQ									
CBG	< LOQ									
CBC	< LOQ									
Total Cannabinoids	69.47									

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

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Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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Pesticide Analysis in PPM

Date/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:49

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:27

Batch Identification: 1804010

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	0.1	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.1	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.1	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.1	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.1	Pyrethroid insecticide
Daminozide	< LOQ	1	0.1	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.1	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.1	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1	Organophosphate insecticide, nematocide
Etofenprox	0.2	0.4	0.1	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.1	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.1	Pyrazole insecticide
Flonicamid	< LOQ	1	0.1	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.1	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	0.1	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/Time Extracted: 01/23/18 10:05

Date/Time GC Analyzed: 01/24/18 06:49

Analysis Method/SOP: 203

Date/Time LC Analyzed: 01/25/18 00:27

Batch Identification: 1804010

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	0.1	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1	Synergist
Myclobutanil	< LOQ	0.2	0.1	Triazole fungicide
Naled	< LOQ	0.5	0.1	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	0.1	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.

Eric Wendt
 Chief Science Officer - 1/26/2018



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

Green Leaf Lab proudly follows TNI 2009
 Quality Standards

Tangie CO2 Oil Duplicate

OM Extracts

Sample ID: G8A0198-02

Matrix: Extracts and Concentrates

Test RFID: 0027

Source RFID: 1A4010300014ADD000000026

Date Sampled: 01/22/18 00:00

Date Accepted: 01/22/18

Results Valid Until: 01/22/19

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: 01/23/18 13:12

Date/Time Analyzed: 01/24/18 07:32

Analysis Method/SOP: 205

Batch Identification: 1804017

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 - 1/26/2018



Quality Control Potency

Batch: 1804024 - 215-Concentrates

Blank(1804024-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 9-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
delta 8-THC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBGA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
THCV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDA	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBD	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBDV	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBN	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBG	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21
CBC	< LOQ	1.200	%		01/24/18 11:18	01/24/18 17:21

LCS(1804024-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	103	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
delta 9-THC	106	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBDA	110	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32
CBD	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:32

LCS(1804024-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.5	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
delta 9-THC	102	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBDA	105	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44
CBD	101	0.015	%	80-120	01/24/18 11:18	01/24/18 17:44

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