



CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05665	Strain	All Gas OG LDLR 3568
METRC Sample ID	1A40D0300000FA1000003568	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	8 g
Date/Time of Collection	02/13/2023 09:10 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Summary of Results

Filtration and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Residual Solvents Screening	
All Results	Pass

Homogeneity Profile	
%RSD THC	3.55
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	4.73
CBDA	1.43
CBD	< RL
CBG	5.18
CBN	0.618
CBGA	15.1
CBC	1.81
exoTHC	< RL
Δ9-THC	363
Δ8THC	1.21
THCA	293
Total Cannabinoids %	68.6
Total CBD mg/g	1.25
Total THC mg/g	620
Total CBD %	0.125
Total THC %	62.0

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Homogeneity

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002

Prep Date: 02/14/23
Method: SOP-QA-0014

Analyst: IG

Analyte	Finding (mg/g)
Total THC Replicate 1	620
Total THC Replicate 2	635
Total THC Replicate 3	592
%RSD THC	3.55

Potency

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 02/14/23
Method: SOP-QA-0016

Analyst: IG

Potency	Result %	Result (mg/g)	RL (mg/g)
CBDV	< RL	< RL	0.214
THCV	0.473	4.73	0.214
CBDA	0.143	1.43	0.214
CBD	< RL	< RL	0.214
CBG	0.518	5.18	0.214
CBN	0.0618	0.618	0.214
CBGA	1.51	15.1	0.214
CBC	0.181	1.81	0.214
exoTHC	< RL	< RL	0.214
Δ9-THC	36.3	363	0.214
Δ8THC	0.121	1.21	0.214
THCA	29.3	293	0.214

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Residual Solvents

Date Analyzed: 2/17/23
Instrument: CAT_0156

Prep Date: 2/16/23
Method: SOP QA-0036

Analyst: LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	916	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC samples presented analytes outside criteria with high bias for hexane in lab control sample and heptane in spiked matrix sample. High bias of propane in last batch CCV.

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Heavy Metals

Date Analyzed: 2/15/23
Instrument: CAT-0093

Prep Date: 2/15/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	53.5	200	Pass
Cadmium	< RL	26.6	200	Pass
Lead	< RL	27.6	500	Pass
Mercury	< RL	2.42	100	Pass

Microbial Analysis

Prep Date Bacteria: 2/14/23
Date Analyzed Bacteria: 2/15/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 2/14/23
Date Analyzed Ecoli/SLM: 2/15/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 2/14/23
Date Analyzed Yeast and Mold: 2/17/23
Analyst: ITG

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	10,000	Pass
Total Yeast/Mold	< RL	100	1,000	Pass
Total Enterobacter	< RL	10	100	Pass
Total Coliform	< RL	10	100	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

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Filth and Foreign Materials

Date Analyzed: 2/17/23
Instrument: Visual Inspection

Prep Date: 2/17/23
Method: SOP-QA-0018

Analyst: ITG

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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Pesticides

Date Analyzed: 2/24/23
Instrument: CAT-0162

Prep Date: 2/23/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail	Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Abamectin	< RL	403	500	Pass	Fenpyroximate	< RL	83.1	400	Pass
Acephate	< RL	55.6	400	Pass	Fipronil	< RL	112	400	Pass
Acequinocyl	< RL	1150	2000	Pass	Flonicamid	< RL	31.2	1000	Pass
Acetamiprid	< RL	31.2	200	Pass	Fludioxonil	< RL	62.5	400	Pass
Aldicarb	< RL	31.2	400	Pass	Hexythiazox	< RL	54.3	1000	Pass
Azoxystrobin	< RL	33.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Bifenazate	< RL	31.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Boscalid	< RL	42.9	400	Pass	Malathion	< RL	66	200	Pass
Carbaryl	< RL	37	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Carbofuran	< RL	31.2	200	Pass	Methiocarb	< RL	31.2	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Methomyl	< RL	31.2	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Methyl parathion	< RL	193	200	Pass
Chlorpyrifos	< RL	74.5	200	Pass	MGK-264 ²	< RL	70.2	200	Pass
Clofentezine	< RL	56.7	200	Pass	Myclobutanil	< RL	37.3	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Naled	< RL	42.2	500	Pass
Cypermethrin	< RL	196	1000	Pass	Oxamyl	< RL	31.2	1000	Pass
Daminozide	< RL	329	1000	Pass	Paclobutrazol	< RL	52.5	400	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	Permethrin ³	< RL	199	200	Pass
Diazinon	< RL	55.3	200	Pass	Phosmet	< RL	55.8	200	Pass
Dimethoate	< RL	39.9	200	Pass	Piperonyl butoxide	< RL	59	2000	Pass
Ethoprophos	< RL	33.9	200	Pass	Prallethrin	< RL	103	200	Pass
Etofenprox	< RL	78.1	400	Pass	Propiconazole	< RL	59.5	400	Pass
Etoxazole	< RL	61.2	200	Pass	Propoxur	< RL	31.2	200	Pass
Fenoxycarb	< RL	89.9	200	Pass					

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Pesticides

Date Analyzed:
Instrument: CAT-0162

Prep Date: 2/23/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Pyrethrins ¹	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad ⁴	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

Disclaimer:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

CCV high bias observed for aldicarb, methomyl, spiromesifen, carbofuran, DDVP, dimethoate, LCS: abamectin b1a, boscalid, clofentezine, DDVP, prallethrin outside criteria. SMB: abamectin b1a, acequinocyl, aldicarb, bifenthrin, boscalid, chlorpyrifos, clofentezine, cyfluthrin, cypermethrin, etofenprox, hexythiazox, imazalil, methyl parathion, propiconazole, spiromesifen, spiroxamine outside criteria.

Deisy Peña-Romero Lab Director

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Summary of Results

Filtration and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Residual Solvents Screening	
All Results	Pass

Homogeneity Profile	
%RSD THC	0.239
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	1.23
CBDA	1.90
CBD	< RL
CBG	3.48
CBN	0.358
CBGA	23.9
CBC	0.960
exoTHC	< RL
Δ9-THC	364
Δ8THC	1.47
THCA	276
Total Cannabinoids %	67.4
Total CBD mg/g	1.66
Total THC mg/g	606
Total CBD %	0.166
Total THC %	60.6

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Homogeneity

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002

Prep Date: 02/14/23
Method: SOP-QA-0014

Analyst: IG

Analyte	Finding (mg/g)
Total THC Replicate 1	606
Total THC Replicate 2	604
Total THC Replicate 3	604
%RSD THC	0.239

Potency

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 02/14/23
Method: SOP-QA-0016

Analyst: IG

Potency	Result %	Result (mg/g)	RL (mg/g)
CBDV	< RL	< RL	0.214
THCV	0.123	1.23	0.214
CBDA	0.190	1.90	0.214
CBD	< RL	< RL	0.214
CBG	0.348	3.48	0.214
CBN	0.0358	0.358	0.214
CBGA	2.39	23.9	0.214
CBC	0.0960	0.960	0.214
exoTHC	< RL	< RL	0.214
Δ 9-THC	36.4	364	0.214
Δ 8THC	0.147	1.47	0.214
THCA	27.6	276	0.214

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Residual Solvents

Date Analyzed: 2/17/23
Instrument: CAT_0156

Prep Date: 2/16/23
Method: SOP QA-0036

Analyst: LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	711	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC samples presented analytes outside criteria with high bias for hexane in lab control sample and heptane in spiked matrix sample. High bias of propane in last batch CCV.

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CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05666	Strain	Blueberry Muffin LDLR 3570
METRC Sample ID	1A40D0300000FA1000003570	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:20 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Heavy Metals

Date Analyzed: 2/15/23
Instrument: CAT-0093

Prep Date: 2/15/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	53.5	200	Pass
Cadmium	< RL	26.6	200	Pass
Lead	< RL	27.6	500	Pass
Mercury	< RL	2.42	100	Pass

Microbial Analysis

Prep Date Bacteria: 2/14/23
Date Analyzed Bacteria: 2/15/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 2/14/23
Date Analyzed Ecoli/SLM: 2/15/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 2/14/23
Date Analyzed Yeast and Mold: 2/17/23
Analyst: ITG

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	10,000	Pass
Total Yeast/Mold	< RL	100	1,000	Pass
Total Enterobacter	< RL	10	100	Pass
Total Coliform	< RL	10	100	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

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Certificate of Analysis

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Sample ID	05666	Strain	Blueberry Muffin LDLR 3570
METRC Sample ID	1A40D0300000FA1000003570	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:20 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Filth and Foreign Materials

Date Analyzed: 2/17/23
Instrument: Visual Inspection

Prep Date: 2/17/23
Method: SOP-QA-0018

Analyst: ITG

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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 207-200-9950
 ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05666	Strain	Blueberry Muffin LDLR 3570
METRC Sample ID	1A40D0300000FA1000003570	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:20 AM	Collected By	Blue Sky
Pesticides		Date Generated	02/24/2023

Date Analyzed: 2/24/23
Instrument: CAT-0162

Prep Date: 2/23/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail	Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Abamectin	< RL	403	500	Pass	Fenpyroximate	< RL	83.1	400	Pass
Acephate	< RL	55.6	400	Pass	Fipronil	< RL	112	400	Pass
Acequinocyl	< RL	1150	2000	Pass	Flonicamid	< RL	31.2	1000	Pass
Acetamiprid	< RL	31.2	200	Pass	Fludioxonil	< RL	62.5	400	Pass
Aldicarb	< RL	31.2	400	Pass	Hexythiazox	< RL	54.3	1000	Pass
Azoxystrobin	< RL	33.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Bifenazate	< RL	31.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Boscalid	< RL	42.9	400	Pass	Malathion	< RL	66	200	Pass
Carbaryl	< RL	37	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Carbofuran	< RL	31.2	200	Pass	Methiocarb	< RL	31.2	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Methomyl	< RL	31.2	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Methyl parathion	< RL	193	200	Pass
Chlorpyrifos	< RL	74.5	200	Pass	MGK-264 ²	< RL	70.2	200	Pass
Clofentezine	< RL	56.7	200	Pass	Myclobutanil	< RL	37.3	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Naled	< RL	42.2	500	Pass
Cypermethrin	< RL	196	1000	Pass	Oxamyl	< RL	31.2	1000	Pass
Daminozide	< RL	329	1000	Pass	Paclobutrazol	< RL	52.5	400	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	Permethrin ³	< RL	199	200	Pass
Diazinon	< RL	55.3	200	Pass	Phosmet	< RL	55.8	200	Pass
Dimethoate	< RL	39.9	200	Pass	Piperonyl butoxide	< RL	59	2000	Pass
Ethoprophos	< RL	33.9	200	Pass	Prallethrin	< RL	103	200	Pass
Etofenprox	< RL	78.1	400	Pass	Propiconazole	< RL	59.5	400	Pass
Etoxazole	< RL	61.2	200	Pass	Propoxur	< RL	31.2	200	Pass
Fenoxycarb	< RL	89.9	200	Pass					

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
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Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05666	Strain	Blueberry Muffin LDLR 3570
METRC Sample ID	1A40D0300000FA1000003570	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:20 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Pesticides

Date Analyzed: 2/24/23
Instrument: CAT-0162
Prep Date: 2/23/23
Method: SOP QA-0040
Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Pyrethrins ¹	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad ⁴	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

Disclaimer:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

CCV high bias observed for aldicarb, methomyl, spiromesifen, carbofuran, DDVP, dimethoate, LCS: abamectin b1a, boscalid, clofentezine, DDVP, prallethrin outside criteria. SMB: abamectin b1a, acequinocyl, aldicarb, bifenthrin, boscalid, chlorpyrifos, clofentezine, cyfluthrin, cypermethrin, etofenprox, hexythiazox, imazalil, methyl parathion, propiconazole, spiromesifen, spiroxamine outside criteria.

Deisy Peña-Romero Lab Director

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ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Dried Flower
Sample ID	05667	Strain	Super Boof 3571
METRC Sample ID	1A40D0300000FA1000003571	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	8 g
Date/Time of Collection	02/13/2023 09:30 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Summary of Results

Pesticides Screening

All Results

Pass



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		Date Generated	02/24/2023

Pesticides

Date Analyzed: 2/20/23 **Prep Date:** 2/17/23
Instrument: CAT-0162 **Method:** SOP QA-0040 **Analyst:** LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Pyrethrins ¹	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad ⁴	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

Disclaimer:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
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4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

LCS: acephate, aldicarb, chlorfenapyr, clofentezine, cyfluthrin, imazalil, methomyl, prallethrin outside criteria. SMB: abamectinb1a, acequinocyl, clofentezine, daminozide, atofenprox, fenpyroximate, fipronyl, hexythiazox, imazalil, pyridaben, spiromesifen. High bias observed for clofentezine, abamectin b1a, acetamiprid, carbofuran, DDVP, etoxazole, spiromesifen in CCV

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Deisy Peña-Romero Lab Director



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 Eliot, ME 03903
 207-200-9950
 ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05668	Strain	Apple Blossom LDLR 3573
METRC Sample ID	1A40D0300000FA1000003573	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:40 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Summary of Results

Filth and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Residual Solvents Screening	
All Results	Pass

Homogeneity Profile	
%RSD THC	1.90
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	1.63
CBDA	1.69
CBD	< RL
CBG	4.06
CBN	0.508
CBGA	37.5
CBC	1.15
exoTHC	< RL
Δ9-THC	376
Δ8THC	1.75
THCA	297
Total Cannabinoids %	72.1
Total CBD mg/g	1.48
Total THC mg/g	636
Total CBD %	0.148
Total THC %	63.6

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Certificate of Analysis

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Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05668	Strain	Apple Blossom LDLR 3573
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Date Received	02/14/2023	Collected Sample Weight	10 g
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		Date Generated	02/24/2023

Homogeneity

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002

Prep Date: 02/14/23
Method: SOP-QA-0014

Analyst: IG

Analyte	Finding (mg/g)
Total THC Replicate 1	636
Total THC Replicate 2	646
Total THC Replicate 3	622
%RSD THC	1.90

Potency

Date Analyzed: 02/15/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 02/14/23
Method: SOP-QA-0016

Analyst: IG

Potency	Result %	Result (mg/g)	RL (mg/g)
CBDV	< RL	< RL	0.214
THCV	0.163	1.63	0.214
CBDA	0.169	1.69	0.214
CBD	< RL	< RL	0.214
CBG	0.406	4.06	0.214
CBN	0.0508	0.508	0.214
CBGA	3.75	37.5	0.214
CBC	0.115	1.15	0.214
exoTHC	< RL	< RL	0.214
Δ9-THC	37.6	376	0.214
Δ8THC	0.175	1.75	0.214
THCA	29.7	297	0.214

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Certificate of Analysis

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Sample ID	05668	Strain	Apple Blossom LDLR 3573
METRC Sample ID	1A40D0300000FA1000003573	Serving Mass (g)/ Package	/
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Residual Solvents

Date Analyzed: 2/17/23
Instrument: CAT_0156

Prep Date: 2/16/23
Method: SOP QA-0036

Analyst: LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	676	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC samples presented analytes outside criteria with high bias for hexane in lab control sample and heptane in spiked matrix sample. High bias of propane in last batch CCV.

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METRC Sample ID	1A40D0300000FA1000003573	Serving Mass (g)/ Package	/
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Date/Time of Collection	02/13/2023 09:40 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Heavy Metals

Date Analyzed: 2/15/23
Instrument: CAT-0093

Prep Date: 2/15/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	53.5	200	Pass
Cadmium	< RL	26.6	200	Pass
Lead	< RL	27.6	500	Pass
Mercury	< RL	2.42	100	Pass

Microbial Analysis

Prep Date Bacteria: 2/14/23
Date Analyzed Bacteria: 2/15/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 2/14/23
Date Analyzed Ecoli/SLM: 2/15/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 2/14/23
Date Analyzed Yeast and Mold: 2/17/23
Analyst: ITG

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	10,000	Pass
Total Yeast/Mold	< RL	100	1,000	Pass
Total Enterobacter	< RL	10	100	Pass
Total Coliform	< RL	10	100	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

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CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Blue Sky	License Number	AM309
Address	1385 Mercer Rd. Mercer, ME 04957	Phone	(207)587-2092
Order ID	1518	Sample Type	Concentrate CO ₂ / Solvent
Sample ID	05668	Strain	Apple Blossom LDLR 3573
METRC Sample ID	1A40D0300000FA1000003573	Serving Mass (g)/ Package	/
Date Received	02/14/2023	Collected Sample Weight	10 g
Date/Time of Collection	02/13/2023 09:40 AM	Collected By	Blue Sky
		Date Generated	02/24/2023

Filth and Foreign Materials

Date Analyzed: 2/17/23
Instrument: Visual Inspection

Prep Date: 2/17/23
Method: SOP-QA-0018

Analyst: ITG

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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Date Received	02/14/2023	Collected Sample Weight	10 g
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Pesticides		Date Generated	02/24/2023

Date Analyzed: 2/24/23
Instrument: CAT-0162

Prep Date: 2/23/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail	Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Abamectin	< RL	403	500	Pass	Fenpyroximate	< RL	83.1	400	Pass
Acephate	< RL	55.6	400	Pass	Fipronil	< RL	112	400	Pass
Acequinocyl	< RL	1150	2000	Pass	Flonicamid	< RL	31.2	1000	Pass
Acetamiprid	< RL	31.2	200	Pass	Fludioxonil	< RL	62.5	400	Pass
Aldicarb	< RL	31.2	400	Pass	Hexythiazox	< RL	54.3	1000	Pass
Azoxystrobin	< RL	33.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Bifenazate	< RL	31.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Boscalid	< RL	42.9	400	Pass	Malathion	< RL	66	200	Pass
Carbaryl	< RL	37	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Carbofuran	< RL	31.2	200	Pass	Methiocarb	< RL	31.2	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Methomyl	< RL	31.2	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Methyl parathion	< RL	193	200	Pass
Chlorpyrifos	< RL	74.5	200	Pass	MGK-264 ²	< RL	70.2	200	Pass
Clofentezine	< RL	56.7	200	Pass	Myclobutanil	< RL	37.3	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Naled	< RL	42.2	500	Pass
Cypermethrin	< RL	196	1000	Pass	Oxamyl	< RL	31.2	1000	Pass
Daminozide	< RL	329	1000	Pass	Paclobutrazol	< RL	52.5	400	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	Permethrin ³	< RL	199	200	Pass
Diazinon	< RL	55.3	200	Pass	Phosmet	< RL	55.8	200	Pass
Dimethoate	< RL	39.9	200	Pass	Piperonyl butoxide	< RL	59	2000	Pass
Ethoprophos	< RL	33.9	200	Pass	Prallethrin	< RL	103	200	Pass
Etofenprox	< RL	78.1	400	Pass	Propiconazole	< RL	59.5	400	Pass
Etoxazole	< RL	61.2	200	Pass	Propoxur	< RL	31.2	200	Pass
Fenoxycarb	< RL	89.9	200	Pass					

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Pesticides

Date Analyzed: 2/24/23
Instrument: CAT-0162

Prep Date: 2/23/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Pyrethrins ¹	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad ⁴	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

Disclaimer:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

CCV high bias observed for aldicarb, methomyl, spiromesifen, carbofuran, DDVP, dimethoate, LCS: abamectin b1a, boscalid, clofentezine, DDVP, prallethrin outside criteria. SMB: abamectin b1a, acequinocyl, aldicarb, bifenthrin, boscalid, chlorpyrifos, clofentezine, cyfluthrin, cypermethrin, etofenprox, hexythiazox, imazalil, methyl parathion, propiconazole, spiromesifen, spiroxamine outside criteria.

Deisy Peña-Romero Lab Director

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