

June 28, 2022

LeafLine Labs
8235 97th Street South
Cottage Grove, MN 55016

Work Order Number: 2202700

Enclosed are the results of analyses for samples received by the laboratory on 06/09/22 and tested per the requirements of the MDH Office of Medical Cannabis program. If there are any questions concerning this report, please feel free to contact me or the Quality Assurance Department.

Results are not blank corrected unless noted within the report.

The results in this report apply to the samples as received.

All samples will be retained by Legend Technical Services, Inc. unless consumed in the analysis, for 30 days from the date of this report and then returned, discarded, or retained per current agreement and in accordance with the requirements of LEGEND's Controlled Substance Program.

Prepared by,

LEGEND TECHNICAL SERVICES, INC.
Approved Testing Laboratory, MDH Office of Medical Cannabis
ISO/IEC 17025:2017 Accredited, A2LA Certificate 2950.01



Taylor Schertler
Administrative Manager Investigative Chemistry

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager:	Work Order #: 2202700 Date Reported: 06/28/22
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
46.11-02.07.22-R-Flower (7 Bags)	2202700-01	Flower	06/09/22 09:00	06/09/22 13:42
50.05-02.07.22-R-Flower (5 Bags)	2202700-02	Flower	06/09/22 09:00	06/09/22 13:42
52.05-02.07.22-R-Flower (5 Bags)	2202700-03	Flower	06/09/22 09:00	06/09/22 13:42

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LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager:	Work Order #: 2202700 Date Reported: 06/28/22
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PERCENT MOISTURE
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
% Moisture	10.6	0.100		%	1	B2F1347	06/13/22	06/13/22	% calculation	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
% Moisture	10.6	0.100		%	1	B2F1347	06/13/22	06/13/22	% calculation	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
% Moisture	11.5	0.100		%	1	B2F1347	06/13/22	06/13/22	% calculation	

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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Average Total CBD	0.0328	0.00400		%	1	B2F1538	06/15/22	06/15/22	HPLC	
Average Total THC	15.7	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00356	0.00356		%	1	B2F0925	06/09/22	06/13/22	"	
Cannabidiolic Acid (CBDA)	0.0373	0.00356		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.440	0.0356		%	10	"	"	06/13/22	"	
THCA-A	17.4	0.356		%	100	"	"	06/13/22	"	
Total CBD	0.0327	0.00668		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	15.7	0.348		% by Weight	100	"	"	06/13/22	"	
46.11-02.07.22-R-Flower (7 Bags) (2202700-01RE1) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00361	0.00361		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0377	0.00361		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.455	0.0361		%	10	"	"	06/13/22	"	
THCA-A	17.7	0.361		%	100	"	"	06/13/22	"	
Total CBD	0.0331	0.00677		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	15.9	0.353		% by Weight	100	"	"	06/13/22	"	
46.11-02.07.22-R-Flower (7 Bags) (2202700-01RE2) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00377	0.00377		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0373	0.00377		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.442	0.0377		%	10	"	"	06/13/22	"	
THCA-A	17.2	0.377		%	100	"	"	06/13/22	"	
Total CBD	0.0327	0.00707		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	15.6	0.368		% by Weight	100	"	"	06/13/22	"	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Average Total CBD	0.0295	0.00400		%	1	B2F1538	06/15/22	06/15/22	HPLC	
Average Total THC	14.1	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00374	0.00374		%	1	B2F0925	06/09/22	06/13/22	"	
Cannabidiolic Acid (CBDA)	0.0342	0.00374		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.389	0.0374		%	10	"	"	06/13/22	"	
THCA-A	15.8	0.374		%	100	"	"	06/13/22	"	
Total CBD	0.0300	0.00703		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	14.2	0.366		% by Weight	100	"	"	06/13/22	"	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02RE1) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00373	0.00373		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0340	0.00373		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.401	0.0373		%	10	"	"	06/13/22	"	
THCA-A	15.5	0.373		%	100	"	"	06/13/22	"	
Total CBD	0.0298	0.00699		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	14.0	0.364		% by Weight	100	"	"	06/13/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2202700
8235 97th Street South		Date Reported: 06/28/22
Cottage Grove, MN 55016	Project Manager:	

TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
50.05-02.07.22-R-Flower (5 Bags) (2202700-02RE2) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00348	0.00348		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0329	0.00348		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.384	0.0348		%	10	"	"	06/13/22	"	
THCA-A	15.6	0.348		%	100	"	"	06/13/22	"	
Total CBD	0.0288	0.00654		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	14.1	0.340		% by Weight	100	"	"	06/13/22	"	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Average Total CBD	0.0516	0.00400		%	1	B2F1538	06/15/22	06/15/22	HPLC	
Average Total THC	25.2	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00359	0.00359		%	1	B2F0925	06/09/22	06/13/22	"	
Cannabidiolic Acid (CBDA)	0.0590	0.00359		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.618	0.0359		%	10	"	"	06/13/22	"	
THCA-A	28.0	0.359		%	100	"	"	06/13/22	"	
Total CBD	0.0518	0.00674		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	25.2	0.351		% by Weight	100	"	"	06/13/22	"	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03RE1) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00364	0.00364		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0581	0.00364		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.603	0.0364		%	10	"	"	06/13/22	"	
THCA-A	27.7	0.364		%	100	"	"	06/13/22	"	
Total CBD	0.0510	0.00682		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	24.9	0.355		% by Weight	100	"	"	06/13/22	"	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03RE2) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Cannabidiol (CBD)	<0.00360	0.00360		%	1	B2F0925	06/09/22	06/13/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0594	0.00360		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.616	0.0360		%	10	"	"	06/13/22	"	
THCA-A	28.2	0.360		%	100	"	"	06/13/22	"	
Total CBD	0.0521	0.00675		% by Weight	1	[CALC]	"	06/13/22	"	
Total THC	25.4	0.351		% by Weight	100	"	"	06/13/22	"	

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LEGEND Project: Flower Products
Project Manager:

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TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
(-)-Alpha-Bisabolol	0.043	0.0080	0.0018	% by Weight	2	B2F1532	06/15/22	06/17/22	EPA 8270E	
(-)-beta-Pinene	0.032	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.022	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.029	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.015	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.032	0.0080	0.00062	% by Weight	2	"	"	"	"	
Camphene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
delta-3-carene	<0.020	0.020		% by Weight	2	"	"	"	"	
gamma-Terpinene	0.012	0.0080		% by Weight	2	"	"	"	"	
Geraniol	<0.0080	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	<0.0080	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	0.013	0.0080		% by Weight	2	"	"	"	"	
Ocimene	0.034	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	0.16	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.090	0.0080	0.00098	% by Weight	2	"	"	"	"	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
(-)-Alpha-Bisabolol	0.0099	0.0080	0.0018	% by Weight	2	B2F1532	06/15/22	06/17/22	EPA 8270E	
(-)-beta-Pinene	0.019	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	0.035	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.025	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.020	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.035	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.13	0.0080	0.00062	% by Weight	2	"	"	"	"	
Camphene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
delta-3-carene	<0.020	0.020		% by Weight	2	"	"	"	"	
gamma-Terpinene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
Geraniol	<0.0080	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	0.037	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	0.0096	0.0080		% by Weight	2	"	"	"	"	
Ocimene	0.021	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	0.020	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.071	0.0080	0.00098	% by Weight	2	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2202700
8235 97th Street South		Date Reported: 06/28/22
Cottage Grove, MN 55016	Project Manager:	

TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
(-)-Alpha-Bisabolol	0.046	0.0080	0.0018	% by Weight	2	B2F1532	06/15/22	06/17/22	EPA 8270E	
(-)-beta-Pinene	0.014	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.058	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.065	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	<0.0080	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.16	0.0080	0.00062	% by Weight	2	"	"	"	"	
Camphene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
delta-3-carene	<0.020	0.020		% by Weight	2	"	"	"	"	
gamma-Terpinene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
Geraniol	<0.0080	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	0.14	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	0.059	0.0080		% by Weight	2	"	"	"	"	
Ocimene	<0.0080	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	<0.0080	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.17	0.0080	0.00098	% by Weight	2	"	"	"	"	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager:	Work Order #: 2202700 Date Reported: 06/28/22
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AFLATOXINS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2F1349	06/13/22	06/24/22	LC-MS/MS	L1a
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	L1a, V1
Aflatoxin G1	<3.0	3.0		ng/g	1	"	"	"	"	
Aflatoxin G2	<6.0	6.0		ng/g	1	"	"	"	"	
Ochratoxin A	<20	20		ng/g	1	"	"	"	"	B, L1a, QM-11, V1
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2F1349	06/13/22	06/24/22	LC-MS/MS	L1a
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	L1a, V1
Aflatoxin G1	<3.0	3.0		ng/g	1	"	"	"	"	
Aflatoxin G2	<6.0	6.0		ng/g	1	"	"	"	"	
Ochratoxin A	<20	20		ng/g	1	"	"	"	"	B, L1a, V1
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2F1349	06/13/22	06/24/22	LC-MS/MS	L1a
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	L1a, V1
Aflatoxin G1	<3.0	3.0		ng/g	1	"	"	"	"	
Aflatoxin G2	<6.0	6.0		ng/g	1	"	"	"	"	
Ochratoxin A	<20	20		ng/g	1	"	"	"	"	B, L1a, V1

LeafLine Labs
8235 97th Street South
Cottage Grove, MN 55016

LEGEND Project: Flower Products

Project Manager:

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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower										
				Sampled: 06/09/22 09:00	Received: 06/09/22 13:42					
Acetamiprid	<0.16	0.16		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Aldicarb	<0.16	0.16		ug/g	1	"	"	"	"	
Azoxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenazate	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenthrin	<0.16	0.16		ug/g	1	"	"	"	"	L5a
Boscalid	<0.60	0.60		ug/g	1	"	"	"	"	L5a, R-07, V1
Carbaryl	<0.16	0.16		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.16	0.16		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.16	0.16		ug/g	1	"	"	"	"	
Clofentezine	<0.16	0.16		ug/g	1	"	"	"	"	
Cypermethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Diazinon	<0.16	0.16		ug/g	1	"	"	"	"	
Dichlorvos	<0.16	0.16		ug/g	1	"	"	"	"	
Dimethoate	<0.16	0.16		ug/g	1	"	"	"	"	
Dursban	<0.16	0.16		ug/g	1	"	"	"	"	
Ethoprophos	<0.16	0.16		ug/g	1	"	"	"	"	
Etofenprox	<0.16	0.16		ug/g	1	"	"	"	"	
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Imazalil	<0.16	0.16		ug/g	1	"	"	"	"	
Imidacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.16	0.16		ug/g	1	"	"	"	"	
Malathion	<0.16	0.16		ug/g	1	"	"	"	"	
Metalaxyl	<0.16	0.16		ug/g	1	"	"	"	"	
Methiocarb	<0.16	0.16		ug/g	1	"	"	"	"	
Methomyl	<0.16	0.16		ug/g	1	"	"	"	"	
Myclobutanil	<0.16	0.16		ug/g	1	"	"	"	"	A-01
Naled	<0.16	0.16		ug/g	1	"	"	"	"	
Oxamyl	<0.16	0.16		ug/g	1	"	"	"	"	
Permethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Phosmet	<0.16	0.16		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.16	0.16		ug/g	1	"	"	"	"	
Prallethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Propiconazole	<0.16	0.16		ug/g	1	"	"	"	"	
Propoxur	<0.16	0.16		ug/g	1	"	"	"	"	
Pyrethrin I	<0.040	0.040		ug/g	1	"	"	"	"	
Pyrethrin II	<0.020	0.020		ug/g	1	"	"	"	"	
Pyridaben	<0.16	0.16		ug/g	1	"	"	"	"	
Spinosad	<0.16	0.16		ug/g	1	"	"	"	"	
Spiromesifen	<0.16	0.16		ug/g	1	"	"	"	"	
Spirotetramat	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2202700
8235 97th Street South		Date Reported: 06/28/22
Cottage Grove, MN 55016	Project Manager:	

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Spiroxamine	<0.16	0.16		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Thiacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Thiamethoxam	<0.16	0.16		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Acetamiprid	<0.16	0.16		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Aldicarb	<0.16	0.16		ug/g	1	"	"	"	"	
Azoxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenazate	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenthrin	<0.16	0.16		ug/g	1	"	"	"	"	L5a
Boscalid	<0.60	0.60		ug/g	1	"	"	"	"	L5a, R-07, V1
Carbaryl	<0.16	0.16		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.16	0.16		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.16	0.16		ug/g	1	"	"	"	"	
Clofentezine	<0.16	0.16		ug/g	1	"	"	"	"	
Cypermethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Diazinon	<0.16	0.16		ug/g	1	"	"	"	"	
Dichlorvos	<0.16	0.16		ug/g	1	"	"	"	"	
Dimethoate	<0.16	0.16		ug/g	1	"	"	"	"	
Dursban	<0.16	0.16		ug/g	1	"	"	"	"	
Ethoprophos	<0.16	0.16		ug/g	1	"	"	"	"	
Etofenprox	<0.16	0.16		ug/g	1	"	"	"	"	
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Imazalil	<0.16	0.16		ug/g	1	"	"	"	"	
Imidacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.16	0.16		ug/g	1	"	"	"	"	
Malathion	<0.16	0.16		ug/g	1	"	"	"	"	
Metalaxyl	<0.16	0.16		ug/g	1	"	"	"	"	
Methiocarb	<0.16	0.16		ug/g	1	"	"	"	"	
Methomyl	<0.16	0.16		ug/g	1	"	"	"	"	
Myclobutanil	<0.16	0.16		ug/g	1	"	"	"	"	A-01
Naled	<0.16	0.16		ug/g	1	"	"	"	"	
Oxamyl	<0.16	0.16		ug/g	1	"	"	"	"	
Permethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Phosmet	<0.16	0.16		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.16	0.16		ug/g	1	"	"	"	"	
Prallethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Propiconazole	<0.16	0.16		ug/g	1	"	"	"	"	
Propoxur	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs
8235 97th Street South
Cottage Grove, MN 55016

LEGEND Project: Flower Products

Project Manager:

Work Order #: 2202700

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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Pyrethrin I	<0.040	0.040		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Pyrethrin II	<0.020	0.020		ug/g	1	"	"	"	"	
Pyridaben	<0.16	0.16		ug/g	1	"	"	"	"	
Spinosad	<0.16	0.16		ug/g	1	"	"	"	"	
Spiromesifen	<0.16	0.16		ug/g	1	"	"	"	"	
Spirotetramat	<0.16	0.16		ug/g	1	"	"	"	"	
Spiroxamine	<0.16	0.16		ug/g	1	"	"	"	"	
Thiacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Thiamethoxam	<0.16	0.16		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Acetamiprid	<0.16	0.16		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Aldicarb	<0.16	0.16		ug/g	1	"	"	"	"	
Azoxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenazate	<0.16	0.16		ug/g	1	"	"	"	"	
Bifenthrin	<0.16	0.16		ug/g	1	"	"	"	"	L5a
Boscalid	<0.60	0.60		ug/g	1	"	"	"	"	L5a, R-07, V1
Carbaryl	<0.16	0.16		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.16	0.16		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.16	0.16		ug/g	1	"	"	"	"	
Clofentezine	<0.16	0.16		ug/g	1	"	"	"	"	
Cypermethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Diazinon	<0.16	0.16		ug/g	1	"	"	"	"	
Dichlorvos	<0.16	0.16		ug/g	1	"	"	"	"	
Dimethoate	<0.16	0.16		ug/g	1	"	"	"	"	
Dursban	<0.16	0.16		ug/g	1	"	"	"	"	
Ethoprofos	<0.16	0.16		ug/g	1	"	"	"	"	
Etofenprox	<0.16	0.16		ug/g	1	"	"	"	"	
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Imazalil	<0.16	0.16		ug/g	1	"	"	"	"	
Imidacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.16	0.16		ug/g	1	"	"	"	"	
Malathion	<0.16	0.16		ug/g	1	"	"	"	"	
Metalaxyl	<0.16	0.16		ug/g	1	"	"	"	"	
Methiocarb	<0.16	0.16		ug/g	1	"	"	"	"	
Methomyl	<0.16	0.16		ug/g	1	"	"	"	"	
Myclobutanil	<0.16	0.16		ug/g	1	"	"	"	"	A-01
Naled	<0.16	0.16		ug/g	1	"	"	"	"	
Oxamyl	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager:	Work Order #: 2202700 Date Reported: 06/28/22
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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower										
Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Permethrin	<0.16	0.16		ug/g	1	B2F1350	06/13/22	06/16/22	LC-MS/MS	
Phosmet	<0.16	0.16		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.16	0.16		ug/g	1	"	"	"	"	
Prallethrin	<0.16	0.16		ug/g	1	"	"	"	"	
Propiconazole	<0.16	0.16		ug/g	1	"	"	"	"	
Propoxur	<0.16	0.16		ug/g	1	"	"	"	"	
Pyrethrin I	<0.040	0.040		ug/g	1	"	"	"	"	
Pyrethrin II	<0.020	0.020		ug/g	1	"	"	"	"	
Pyridaben	<0.16	0.16		ug/g	1	"	"	"	"	
Spinosad	<0.16	0.16		ug/g	1	"	"	"	"	
Spiromesifen	<0.16	0.16		ug/g	1	"	"	"	"	
Spirotetramat	<0.16	0.16		ug/g	1	"	"	"	"	
Spiroxamine	<0.16	0.16		ug/g	1	"	"	"	"	
Thiacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Thiamethoxam	<0.16	0.16		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2202700
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TOTAL METALS ANALYSIS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2F1523	06/15/22	06/16/22	EPA 6020B	N5
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	"
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2F1523	06/15/22	06/16/22	EPA 6020B	N5
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	"
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2F1523	06/15/22	06/16/22	EPA 6020B	N5
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	"
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	"

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Cottage Grove, MN 55016

LEGEND Project: Flower Products

Project Manager:

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MICRO ANALYSES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Salmonella	<1.0	1.0		CFU/g	1	B2F1603	06/13/22	06/16/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2F1604	"	06/16/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	"	AOAC 2003.01	
Total Coliform	<9.0	9.0		CFU/g	1	"	"	"	AOAC 991.14	
Total E.coli	<0.90	0.90		CFU/g	1	"	"	"	"	
Total Yeast and Mold	<900	900		CFU/g	100	"	"	"	AOAC 997.02	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Salmonella	<1.0	1.0		CFU/g	1	B2F1603	06/13/22	06/16/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2F1604	"	06/16/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	"	AOAC 2003.01	
Total Coliform	<9.0	9.0		CFU/g	1	"	"	"	AOAC 991.14	
Total E.coli	<0.90	0.90		CFU/g	1	"	"	"	"	
Total Yeast and Mold	3600	900		CFU/g	100	"	"	"	AOAC 997.02	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Salmonella	<1.0	1.0		CFU/g	1	B2F1603	06/13/22	06/16/22	AOAC 2014.01	
Total Aerobic Bacteria	<2200	2200		CFU/g	10	B2F1604	"	06/16/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	"	AOAC 2003.01	
Total Coliform	<9.0	9.0		CFU/g	1	"	"	"	AOAC 991.14	
Total E.coli	<0.90	0.90		CFU/g	1	"	"	"	"	
Total Yeast and Mold	<900	900		CFU/g	100	"	"	"	AOAC 997.02	

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 Cottage Grove, MN 55016

LEGEND Project: Flower Products

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WATER ACTIVITY
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
46.11-02.07.22-R-Flower (7 Bags) (2202700-01) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Water Activity	0.59	0.14		aW	1	B2F1348	06/13/22	06/13/22	NA	
50.05-02.07.22-R-Flower (5 Bags) (2202700-02) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Water Activity	0.59	0.14		aW	1	B2F1348	06/13/22	06/13/22	NA	
52.05-02.07.22-R-Flower (5 Bags) (2202700-03) Flower Sampled: 06/09/22 09:00 Received: 06/09/22 13:42										
Water Activity	0.58	0.14		aW	1	B2F1348	06/13/22	06/13/22	NA	

Report Comments:

Notes and Definitions

- V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
- R7 LFB/LFBD (LCS/LCSD) RPD exceeded laboratory acceptance limit. Recoveries met acceptance criteria.
- R-07 The RL for this analyte has been raised to account for the Reporting Limit Verification.
- QM-11 Spike recovery was outside of laboratory limits
- N5 The minimum reporting limit verification check did not meet the method acceptance limit.
- M2 Matrix spike recovery was low, the associated blank spike recovery was acceptable.
- L5a The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
- L1a The associated blank spike recovery was above laboratory acceptance limits.
- B Analyte was present in the method blank.
- A-01 Reporting Limit Verification (RLV) recovery was above laboratory limits. Analyte not detected in the associated samples.
- < Less than value listed
- RL Reporting Limit
- CFU/g Colony Forming Units per gram