

April 13, 2022

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

Work Order Number: 2201549

Enclosed are the results of analyses for samples received by the laboratory on 03/31/22 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



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Taylor Schertler  
Administrative Manager Investigative Chemistry

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201549
8235 97th Street South		Date Reported: 04/13/22
Cottage Grove, MN 55016	Project Manager:	

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
44.01-11.26.21-R-Flower (5 Bags)	2201549-01	Flower	03/31/22 08:30	03/31/22 11:37
45.01-09.21.21-R2-Flower (4 Bags)	2201549-02	Flower	03/31/22 08:30	03/31/22 11:37
21.01-09.01.21-R2-Flower (3 Bags)	2201549-03	Flower	03/31/22 08:30	03/31/22 11:37

LeafLine Labs	LEGEND Project: Flower Products	
8235 97th Street South		Work Order #: 2201549
Cottage Grove, MN 55016	Project Manager:	Date Reported: 04/13/22

**PERCENT MOISTURE**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b>										
				<b>Sampled: 03/31/22 08:30</b>		<b>Received: 03/31/22 11:37</b>				
% Moisture	13.2	0.100		%	1	B2D0106	04/01/22	04/01/22	% calculation	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b>										
				<b>Sampled: 03/31/22 08:30</b>		<b>Received: 03/31/22 11:37</b>				
% Moisture	11.5	0.100		%	1	B2D0106	04/01/22	04/01/22	% calculation	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b>										
				<b>Sampled: 03/31/22 08:30</b>		<b>Received: 03/31/22 11:37</b>				
% Moisture	12.6	0.100		%	1	B2D0106	04/01/22	04/01/22	% calculation	

LeafLine Labs  
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LEGEND Project: Flower Products

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**TOTAL CANNABINOIDS**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Average Total CBD	0.0335	0.00400		%	1	B2D1129	04/11/22	04/11/22	HPLC	
Average Total THC	17.2	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00330	0.00330		%	1	B2D0415	04/04/22	04/04/22	"	
Cannabidiolic Acid (CBDA)	0.0377	0.00330		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.460	0.0330		%	10	"	"	04/04/22	"	
THCA-A	19.3	0.330		%	100	"	"	04/04/22	"	
Total CBD	0.0331	0.00619		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	17.4	0.322		% by Weight	100	"	"	04/04/22	"	
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01RE1) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00368	0.00368		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0382	0.00368		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.458	0.0368		%	10	"	"	04/04/22	"	
THCA-A	18.7	0.368		%	100	"	"	04/04/22	"	
Total CBD	0.0335	0.00691		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	16.9	0.360		% by Weight	100	"	"	04/04/22	"	
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01RE2) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00348	0.00348		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0386	0.00348		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.458	0.0348		%	10	"	"	04/04/22	"	
THCA-A	19.3	0.348		%	100	"	"	04/04/22	"	
Total CBD	0.0339	0.00653		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	17.4	0.340		% by Weight	100	"	"	04/04/22	"	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Average Total CBD	0.0373	0.00400		%	1	B2D1129	04/11/22	04/11/22	HPLC	
Average Total THC	16.9	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00359	0.00359		%	1	B2D0415	04/04/22	04/04/22	"	
Cannabidiolic Acid (CBDA)	0.0416	0.00359		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.934	0.0359		%	10	"	"	04/04/22	"	
THCA-A	18.0	0.359		%	100	"	"	04/04/22	"	
Total CBD	0.0365	0.00674		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	16.7	0.351		% by Weight	100	"	"	04/04/22	"	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02RE1) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00370	0.00370		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0425	0.00370		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.962	0.0370		%	10	"	"	04/04/22	"	
THCA-A	18.1	0.370		%	100	"	"	04/04/22	"	
Total CBD	0.0373	0.00695		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	16.8	0.362		% by Weight	100	"	"	04/04/22	"	

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**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02RE2) Flower Sampled: 03/31/22 08:30 Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00339	0.00339		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	<b>0.0436</b>	0.00339		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	<b>0.988</b>	0.0339		%	10	"	"	04/04/22	"	
THCA-A	<b>18.5</b>	0.339		%	100	"	"	04/04/22	"	
Total CBD	<b>0.0382</b>	0.00636		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	<b>17.2</b>	0.331		% by Weight	100	"	"	04/04/22	"	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower Sampled: 03/31/22 08:30 Received: 03/31/22 11:37</b>										
Average Total CBD	<b>0.0448</b>	0.00400		%	1	B2D1129	04/11/22	04/11/22	HPLC	
Average Total THC	<b>22.6</b>	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00367	0.00367		%	1	B2D0415	04/04/22	04/04/22	"	
Cannabidiolic Acid (CBDA)	<b>0.0497</b>	0.00367		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	<b>1.94</b>	0.0367		%	10	"	"	04/04/22	"	
THCA-A	<b>24.0</b>	0.367		%	100	"	"	04/04/22	"	
Total CBD	<b>0.0436</b>	0.00689		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	<b>23.0</b>	0.359		% by Weight	100	"	"	04/04/22	"	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03RE1) Flower Sampled: 03/31/22 08:30 Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	<b>0.0529</b>	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	<b>1.88</b>	0.0400		%	10	"	"	04/04/22	"	
THCA-A	<b>23.0</b>	0.400		%	100	"	"	04/04/22	"	
Total CBD	<b>0.0464</b>	0.00751		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	<b>22.1</b>	0.391		% by Weight	100	"	"	04/04/22	"	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03RE2) Flower Sampled: 03/31/22 08:30 Received: 03/31/22 11:37</b>										
Cannabidiol (CBD)	<0.00362	0.00362		%	1	B2D0415	04/04/22	04/04/22	HPLC	
Cannabidiolic Acid (CBDA)	<b>0.0507</b>	0.00362		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	<b>1.93</b>	0.0362		%	10	"	"	04/04/22	"	
THCA-A	<b>23.6</b>	0.362		%	100	"	"	04/04/22	"	
Total CBD	<b>0.0444</b>	0.00680		% by Weight	1	[CALC]	"	04/04/22	"	
Total THC	<b>22.6</b>	0.354		% by Weight	100	"	"	04/04/22	"	

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## TERPENES

### Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
(-)-Alpha-Bisabolol	0.0061	0.0040	0.00088	% by Weight	1	B2D0633	04/07/22	04/08/22	EPA 8270E	
(-)-beta-Pinene	0.035	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiaol	0.043	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.038	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.017	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.018	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	<0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.025	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	<0.0040	0.0040		% by Weight	1	"	"	"	"	
delta-3-carene	<0.010	0.010		% by Weight	1	"	"	"	"	
gamma-Terpinene	0.0094	0.0040		% by Weight	1	"	"	"	"	
Geraniol	<0.0040	0.0040	0.0012	% by Weight	1	"	"	"	"	
Linalool	<0.0040	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.017	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.028	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.18	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.043	0.0040	0.00049	% by Weight	1	"	"	"	"	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
(-)-Alpha-Bisabolol	0.030	0.0040	0.00088	% by Weight	1	B2D0633	04/07/22	04/08/22	EPA 8270E	
(-)-beta-Pinene	0.017	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiaol	0.064	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.062	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.029	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.0082	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	<0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.063	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	<0.0040	0.0040		% by Weight	1	"	"	"	"	
delta-3-carene	<0.010	0.010		% by Weight	1	"	"	"	"	
gamma-Terpinene	<0.0040	0.0040		% by Weight	1	"	"	"	"	
Geraniol	<0.0040	0.0040	0.0012	% by Weight	1	"	"	"	"	
Linalool	0.034	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.0079	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.0072	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.021	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.10	0.0040	0.00049	% by Weight	1	"	"	"	"	

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**TERPENES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
(-)-Alpha-Bisabolol	0.034	0.0040	0.00088	% by Weight	1	B2D0633	04/07/22	04/08/22	EPA 8270E	
(-)-beta-Pinene	0.034	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiaol	0.084	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.058	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.034	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.015	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.038	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	<0.0040	0.0040		% by Weight	1	"	"	"	"	
delta-3-carene	<0.010	0.010		% by Weight	1	"	"	"	"	
gamma-Terpinene	0.011	0.0040		% by Weight	1	"	"	"	"	
Geraniol	0.0040	0.0040	0.0012	% by Weight	1	"	"	"	"	
Linalool	0.030	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.028	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.031	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.16	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.12	0.0040	0.00049	% by Weight	1	"	"	"	"	

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**AFLATOXINS**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Aflatoxin B1	<2.5	2.5		ng/g	1	B2D0717	04/06/22	04/06/22	LC-MS/MS	
Aflatoxin B2	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G2	<5.1	5.1		ng/g	1	"	"	"	"	
Ochratoxin A	<17	17		ng/g	1	"	"	"	"	A-01, L1a, QM-11, V1
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Aflatoxin B1	<2.5	2.5		ng/g	1	B2D0717	04/06/22	04/06/22	LC-MS/MS	
Aflatoxin B2	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G2	<5.0	5.0		ng/g	1	"	"	"	"	
Ochratoxin A	<17	17		ng/g	1	"	"	"	"	A-01, L1a, V1
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Aflatoxin B1	<2.5	2.5		ng/g	1	B2D0717	04/06/22	04/06/22	LC-MS/MS	
Aflatoxin B2	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G2	<5.1	5.1		ng/g	1	"	"	"	"	
Ochratoxin A	<17	17		ng/g	1	"	"	"	"	A-01, L1a, V1



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**PESTICIDES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Acetamiprid	<0.15	0.15		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Aldicarb	<0.15	0.15		ug/g	1	"	"	"	"	
Azoxystrobin	<0.15	0.15		ug/g	1	"	"	"	"	
Bifenazate	<0.15	0.15		ug/g	1	"	"	"	"	
Bifenthrin	<0.15	0.15		ug/g	1	"	"	"	"	
Boscalid	<0.15	0.15		ug/g	1	"	"	"	"	
Carbaryl	<0.15	0.15		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.15	0.15		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.15	0.15		ug/g	1	"	"	"	"	
Clofentezine	<0.15	0.15		ug/g	1	"	"	"	"	
Cypermethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Diazinon	<0.15	0.15		ug/g	1	"	"	"	"	
Dichlorvos	<0.15	0.15		ug/g	1	"	"	"	"	
Dimethoate	<0.15	0.15		ug/g	1	"	"	"	"	
Dursban	<0.15	0.15		ug/g	1	"	"	"	"	
Ethoprophos	<0.15	0.15		ug/g	1	"	"	"	"	
Etofenprox	<0.15	0.15		ug/g	1	"	"	"	"	
Etoxazole	<0.15	0.15		ug/g	1	"	"	"	"	
Fenoxycarb	<0.15	0.15		ug/g	1	"	"	"	"	
Fenpyroximate	<0.15	0.15		ug/g	1	"	"	"	"	
Flonicamid	<0.15	0.15		ug/g	1	"	"	"	"	
Imazalil	<0.15	0.15		ug/g	1	"	"	"	"	
Imidacloprid	<0.15	0.15		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.15	0.15		ug/g	1	"	"	"	"	
Malathion	<0.15	0.15		ug/g	1	"	"	"	"	
Metaxyl	<0.15	0.15		ug/g	1	"	"	"	"	
Methiocarb	<0.15	0.15		ug/g	1	"	"	"	"	
Methomyl	<0.15	0.15		ug/g	1	"	"	"	"	
Myclobutanil	<0.15	0.15		ug/g	1	"	"	"	"	
Naled	<0.15	0.15		ug/g	1	"	"	"	"	
Oxamyl	<0.15	0.15		ug/g	1	"	"	"	"	
Permethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Phosmet	<0.15	0.15		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.15	0.15		ug/g	1	"	"	"	"	
Prallethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Propiconazole	<0.15	0.15		ug/g	1	"	"	"	"	
Propoxur	<0.15	0.15		ug/g	1	"	"	"	"	
Pyrethrin I	<0.037	0.037		ug/g	1	"	"	"	"	
Pyrethrin II	<0.018	0.018		ug/g	1	"	"	"	"	
Pyridaben	<0.15	0.15		ug/g	1	"	"	"	"	
Spinosad	<0.15	0.15		ug/g	1	"	"	"	"	
Spiromesifen	<0.15	0.15		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201549
8235 97th Street South		Date Reported: 04/13/22
Cottage Grove, MN 55016	Project Manager:	

**PESTICIDES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Spirotetramat	<0.15	0.15		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Spiroxamine	<0.15	0.15		ug/g	1	"	"	"	"	
Thiacloprid	<0.15	0.15		ug/g	1	"	"	"	"	
Thiamethoxam	<0.15	0.15		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.15	0.15		ug/g	1	"	"	"	"	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Acetamiprid	<0.15	0.15		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Aldicarb	<0.15	0.15		ug/g	1	"	"	"	"	
Azoxystrobin	<0.15	0.15		ug/g	1	"	"	"	"	
Bifenazate	<0.15	0.15		ug/g	1	"	"	"	"	
Bifenthrin	<0.15	0.15		ug/g	1	"	"	"	"	
Boscalid	<0.15	0.15		ug/g	1	"	"	"	"	
Carbaryl	<0.15	0.15		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.15	0.15		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.15	0.15		ug/g	1	"	"	"	"	
Clofentezine	<0.15	0.15		ug/g	1	"	"	"	"	
Cypermethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Diazinon	<0.15	0.15		ug/g	1	"	"	"	"	
Dichlorvos	<0.15	0.15		ug/g	1	"	"	"	"	
Dimethoate	<0.15	0.15		ug/g	1	"	"	"	"	
Dursban	<0.15	0.15		ug/g	1	"	"	"	"	
Ethoprophos	<0.15	0.15		ug/g	1	"	"	"	"	
Etofenprox	<0.15	0.15		ug/g	1	"	"	"	"	
Etoxazole	<0.15	0.15		ug/g	1	"	"	"	"	
Fenoxycarb	<0.15	0.15		ug/g	1	"	"	"	"	
Fenpyroximate	<0.15	0.15		ug/g	1	"	"	"	"	
Flonicamid	<0.15	0.15		ug/g	1	"	"	"	"	
Imazalil	<0.15	0.15		ug/g	1	"	"	"	"	
Imidacloprid	<0.15	0.15		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.15	0.15		ug/g	1	"	"	"	"	
Malathion	<0.15	0.15		ug/g	1	"	"	"	"	
Metalaxyl	<0.15	0.15		ug/g	1	"	"	"	"	
Methiocarb	<0.15	0.15		ug/g	1	"	"	"	"	
Methomyl	<0.15	0.15		ug/g	1	"	"	"	"	
Myclobutanil	<0.15	0.15		ug/g	1	"	"	"	"	
Naled	<0.15	0.15		ug/g	1	"	"	"	"	
Oxamyl	<0.15	0.15		ug/g	1	"	"	"	"	
Permethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Phosmet	<0.15	0.15		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.15	0.15		ug/g	1	"	"	"	"	
Prallethrin	<0.15	0.15		ug/g	1	"	"	"	"	
Propiconazole	<0.15	0.15		ug/g	1	"	"	"	"	

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Cottage Grove, MN 55016	Project Manager:	

**PESTICIDES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Propoxur	<0.15	0.15		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Pyrethrin I	<0.038	0.038		ug/g	1	"	"	"	"	
Pyrethrin II	<0.019	0.019		ug/g	1	"	"	"	"	
Pyridaben	<0.15	0.15		ug/g	1	"	"	"	"	
Spinosad	<0.15	0.15		ug/g	1	"	"	"	"	
Spiromesifen	<0.15	0.15		ug/g	1	"	"	"	"	
Spirotetramat	<0.15	0.15		ug/g	1	"	"	"	"	
Spiroxamine	<0.15	0.15		ug/g	1	"	"	"	"	
Thiacloprid	<0.15	0.15		ug/g	1	"	"	"	"	
Thiamethoxam	<0.15	0.15		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.15	0.15		ug/g	1	"	"	"	"	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Acetamiprid	<0.14	0.14		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Aldicarb	<0.14	0.14		ug/g	1	"	"	"	"	
Azoxystrobin	<0.14	0.14		ug/g	1	"	"	"	"	
Bifenazate	<0.14	0.14		ug/g	1	"	"	"	"	
Bifenthrin	<0.14	0.14		ug/g	1	"	"	"	"	
Boscalid	<0.14	0.14		ug/g	1	"	"	"	"	
Carbaryl	<0.14	0.14		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.14	0.14		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.14	0.14		ug/g	1	"	"	"	"	
Clofentezine	<0.14	0.14		ug/g	1	"	"	"	"	
Cypermethrin	<0.14	0.14		ug/g	1	"	"	"	"	
Diazinon	<0.14	0.14		ug/g	1	"	"	"	"	
Dichlorvos	<0.14	0.14		ug/g	1	"	"	"	"	
Dimethoate	<0.14	0.14		ug/g	1	"	"	"	"	
Dursban	<0.14	0.14		ug/g	1	"	"	"	"	
Ethoprophos	<0.14	0.14		ug/g	1	"	"	"	"	
Etofenprox	<0.14	0.14		ug/g	1	"	"	"	"	
Etoxazole	<0.14	0.14		ug/g	1	"	"	"	"	
Fenoxycarb	<0.14	0.14		ug/g	1	"	"	"	"	
Fenpyroximate	<0.14	0.14		ug/g	1	"	"	"	"	
Flonicamid	<0.14	0.14		ug/g	1	"	"	"	"	
Imazalil	<0.14	0.14		ug/g	1	"	"	"	"	
Imidacloprid	<0.14	0.14		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.14	0.14		ug/g	1	"	"	"	"	
Malathion	<0.14	0.14		ug/g	1	"	"	"	"	
Metaxyl	<0.14	0.14		ug/g	1	"	"	"	"	
Methiocarb	<0.14	0.14		ug/g	1	"	"	"	"	
Methomyl	<0.14	0.14		ug/g	1	"	"	"	"	
Myclobutanil	<0.14	0.14		ug/g	1	"	"	"	"	
Naled	<0.14	0.14		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201549
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Cottage Grove, MN 55016	Project Manager:	

**PESTICIDES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Oxamyl	<0.14	0.14		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Permethrin	<0.14	0.14		ug/g	1	"	"	"	"	
Phosmet	<0.14	0.14		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.14	0.14		ug/g	1	"	"	"	"	
Prallethrin	<0.14	0.14		ug/g	1	"	"	"	"	
Propiconazole	<0.14	0.14		ug/g	1	"	"	"	"	
Propoxur	<0.14	0.14		ug/g	1	"	"	"	"	
Pyrethrin I	<0.036	0.036		ug/g	1	"	"	"	"	
Pyrethrin II	<0.018	0.018		ug/g	1	"	"	"	"	
Pyridaben	<0.14	0.14		ug/g	1	"	"	"	"	
Spinosad	<0.14	0.14		ug/g	1	"	"	"	"	
Spiromesifen	<0.14	0.14		ug/g	1	"	"	"	"	
Spirotetramat	<0.14	0.14		ug/g	1	"	"	"	"	
Spiroxamine	<0.14	0.14		ug/g	1	"	"	"	"	
Thiacloprid	<0.14	0.14		ug/g	1	"	"	"	"	
Thiamethoxam	<0.14	0.14		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.14	0.14		ug/g	1	"	"	"	"	

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

LEGEND Project: Flower Products

Project Manager:

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## TOTAL METALS ANALYSIS

### Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2D0634	04/06/22	04/06/22	EPA 6020B	L4
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	"	"	"	"	L4, QR-04
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2D0634	04/06/22	04/06/22	EPA 6020B	L4
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	"	"	"	"	L4
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Arsenic	<0.24	0.24	0.070	ug/g wet	1	B2D0634	04/06/22	04/06/22	EPA 6020B	L4
Cadmium	<0.094	0.094	0.016	ug/g wet	1	"	"	"	"	
Lead	<0.094	0.094	0.015	ug/g wet	1	"	"	"	"	
Mercury	<0.094	0.094	0.015	ug/g wet	1	"	"	"	"	L4

LeafLine Labs  
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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
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Salmonella	<1.0	1.0		CFU/g	1	B2D0715	04/04/22	04/06/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2D0705	04/04/22	04/06/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	04/05/22	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	"	"	04/06/22	"	
<b>Total Yeast and Mold</b>	<b>7200</b>	900		CFU/g	100	"	"	04/07/22	AOAC 997.02	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Salmonella	<1.0	1.0		CFU/g	1	B2D0715	04/04/22	04/06/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2D0705	04/04/22	04/06/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	04/05/22	AOAC 2003.01	
Total Coliform	<8.8	8.8		CFU/g	1	"	"	"	AOAC 991.14	
Total E.coli	<0.88	0.88		CFU/g	1	"	"	04/06/22	"	
<b>Total Yeast and Mold</b>	<b>880</b>	880		CFU/g	100	"	"	04/07/22	AOAC 997.02	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> Sampled: 03/31/22 08:30 Received: 03/31/22 11:37										
Salmonella	<1.0	1.0		CFU/g	1	B2D0715	04/04/22	04/06/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2D0705	04/04/22	04/06/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	04/05/22	AOAC 2003.01	
Total Coliform	<8.9	8.9		CFU/g	1	"	"	"	AOAC 991.14	
Total E.coli	<0.89	0.89		CFU/g	1	"	"	04/06/22	"	
<b>Total Yeast and Mold</b>	<b>2700</b>	890		CFU/g	100	"	"	04/07/22	AOAC 997.02	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201549
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Cottage Grove, MN 55016	Project Manager:	

**WATER ACTIVITY**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>44.01-11.26.21-R-Flower (5 Bags) (2201549-01) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Water Activity	0.50	0.14		aW	1	B2D0107	04/01/22	04/01/22	NA	
<b>45.01-09.21.21-R2-Flower (4 Bags) (2201549-02) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Water Activity	0.53	0.14		aW	1	B2D0107	04/01/22	04/01/22	NA	
<b>21.01-09.01.21-R2-Flower (3 Bags) (2201549-03) Flower</b> <b>Sampled: 03/31/22 08:30</b> <b>Received: 03/31/22 11:37</b>										
Water Activity	0.51	0.14		aW	1	B2D0107	04/01/22	04/01/22	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.
QR-04	The RPD value for the MS/MSD was outside of QC acceptance limits. Data was accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-11	Spike recovery was outside of laboratory limits
M2	Matrix spike recovery was low, the associated blank spike recovery was acceptable.
M1	Matrix spike recovery was high, the associated blank spike recovery was acceptable.
L4	The associated blank spike recovery was below method acceptance limits.
L1a	The associated blank spike recovery was above laboratory acceptance limits.
A-01	Reporting level verification (RLV) recovery was above laboratory limits. Compound not detected in the sample.
<	Less than value listed
RL	Reporting Limit
CFU/g	Colony Forming Units per gram