

February 28, 2022

## REVISION

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

Work Order Number: 2200888

This is a revised report. The details of the revision are listed in the Report Comments section of this report.

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 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 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products  Project Manager:	Work Order #: 2200888 Date Reported: 02/28/22
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### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
45.01-11.02.21-R-Flower (11 Bags)	2200888-01	Flower	02/21/22 08:30	02/21/22 09:49
46.11-11.02.21-R-Flower (2 Bags)	2200888-02	Flower	02/21/22 08:30	02/21/22 09:49
21.01-09.21.21-R-Flower (3 Bags)	2200888-04	Flower	02/21/22 08:30	02/21/22 09:49

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
Cottage Grove, MN 55016	Project Manager:	

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

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
% Moisture	14.3	0.100		%	1	B2B2224	02/22/22	02/22/22	% calculation	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
% Moisture	13.3	0.100		%	1	B2B2224	02/22/22	02/22/22	% calculation	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
% Moisture	11.8	0.100		%	1	B2B2224	02/22/22	02/22/22	% calculation	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products  Project Manager:	Work Order #: 2200888 Date Reported: 02/28/22
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**TOTAL CANNABINOIDS**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Average Total CBD	0.0365	0.00400		%	1	B2B2823	02/28/22	02/28/22	HPLC	
Average Total THC	22.1	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2B2321	02/23/22	02/24/22	"	
Cannabidiolic Acid (CBDA)	0.0410	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.360	0.00400		%	1	"	"	"	"	
THCA-A	24.5	0.400		%	100	"	"	02/24/22	"	
Total CBD	0.0360	0.00751		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	21.9	0.355		% by Weight	100	"	"	02/24/22	"	
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01RE1) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Cannabidiol (CBD)	<0.00361	0.00361		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0425	0.00361		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.333	0.0361		%	10	"	"	02/24/22	"	
THCA-A	25.0	0.361		%	100	"	"	02/24/22	"	
Total CBD	0.0373	0.00678		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	22.3	0.353		% by Weight	100	"	"	02/24/22	"	
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01RE2) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Cannabidiol (CBD)	<0.00338	0.00338		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0412	0.00338		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.361	0.0338		%	10	"	"	02/24/22	"	
THCA-A	24.7	0.338		%	100	"	"	02/24/22	"	
Total CBD	0.0362	0.00634		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	22.1	0.330		% by Weight	100	"	"	02/24/22	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Average Total CBD	0.0293	0.00400		%	1	B2B2823	02/28/22	02/28/22	HPLC	
Average Total THC	18.0	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00367	0.00367		%	1	B2B2321	02/23/22	02/24/22	"	
Cannabidiolic Acid (CBDA)	0.0343	0.00367		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.311	0.00367		%	1	"	"	"	"	
THCA-A	20.4	0.367		%	100	"	"	02/24/22	"	
Total CBD	0.0301	0.00688		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	18.2	0.325		% by Weight	100	"	"	02/24/22	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02RE1) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0326	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.304	0.00400		%	1	"	"	"	"	
THCA-A	19.7	0.400		%	100	"	"	02/24/22	"	
Total CBD	0.0286	0.00751		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	17.6	0.355		% by Weight	100	"	"	02/24/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
Cottage Grove, MN 55016	Project Manager:	

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

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02RE2) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0334	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.310	0.00400		%	1	"	"	"	"	
THCA-A	20.4	0.400		%	100	"	"	02/24/22	"	
Total CBD	0.0293	0.00751		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	18.2	0.355		% by Weight	100	"	"	02/24/22	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Average Total CBD	0.0565	0.00400		%	1	B2B2823	02/28/22	02/28/22	HPLC	
Average Total THC	27.4	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0105	0.00310		%	1	B2B2321	02/23/22	02/24/22	"	
Cannabidiolic Acid (CBDA)	0.0573	0.00310		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.26	0.0310		%	10	"	"	02/24/22	"	
THCA-A	30.0	0.310		%	100	"	"	02/24/22	"	
Total CBD	0.0608	0.00583		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	27.5	0.303		% by Weight	100	"	"	02/24/22	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04RE1) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Cannabidiol (CBD)	0.0107	0.00354		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0510	0.00354		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.33	0.0354		%	10	"	"	02/24/22	"	
THCA-A	30.1	0.354		%	100	"	"	02/24/22	"	
Total CBD	0.0555	0.00664		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	27.7	0.346		% by Weight	100	"	"	02/24/22	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04RE2) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Cannabidiol (CBD)	0.00992	0.00304		%	1	B2B2321	02/23/22	02/24/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0494	0.00304		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.25	0.0304		%	10	"	"	02/24/22	"	
THCA-A	29.3	0.304		%	100	"	"	02/24/22	"	
Total CBD	0.0533	0.00570		% by Weight	1	[CALC]	"	02/24/22	"	
Total THC	27.0	0.297		% by Weight	100	"	"	02/24/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
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**TERPENES**  
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
(-)-Alpha-Bisabolol	0.037	0.0040	0.00088	% by Weight	1	B2B2426	02/24/22	02/26/22	EPA 8270E	
(-)-beta-Pinene	0.026	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiol	0.061	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.091	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.031	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.013	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	<0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.14	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	0.032	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.0098	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.011	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.018	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.10	0.0040	0.00049	% by Weight	1	"	"	"	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
(-)-Alpha-Bisabolol	0.020	0.0040	0.00088	% by Weight	1	B2B2426	02/24/22	02/26/22	EPA 8270E	
(-)-beta-Pinene	0.035	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.024	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.026	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	0.035	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	0.013	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	0.018	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.062	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.27	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.081	0.0040	0.00049	% by Weight	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
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Cottage Grove, MN 55016	Project Manager:	

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

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
(-)-Alpha-Bisabolol	0.037	0.0040	0.00088	% by Weight	1	B2B2426	02/24/22	02/26/22	EPA 8270E	
(-)-beta-Pinene	0.060	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiaol	0.081	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.085	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.041	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.029	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	0.021	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.093	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	<0.0040	0.0040		% by Weight	1	"	"	"	"	
delta-3-carene	0.013	0.010		% by Weight	1	"	"	"	"	
gamma-Terpinene	0.012	0.0040		% by Weight	1	"	"	"	"	
Geraniol	<0.0040	0.0040	0.0012	% by Weight	1	"	"	"	"	
Linalool	0.024	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.031	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.051	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.26	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.13	0.0040	0.00049	% by Weight	1	"	"	"	"	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products  Project Manager:	Work Order #: 2200888 Date Reported: 02/28/22
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**AFLATOXINS**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Aflatoxin B1	<2.5	2.5		ng/g	1	B2B2417	02/24/22	02/25/22	LC-MS/MS	
Aflatoxin B2	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.5	2.5		ng/g	1	"	"	"	"	A-01
Aflatoxin G2	<5.1	5.1		ng/g	1	"	"	"	"	
Ochratoxin A	<17	17		ng/g	1	"	"	"	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2B2417	02/24/22	02/25/22	LC-MS/MS	
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	
Aflatoxin G1	<3.0	3.0		ng/g	1	"	"	"	"	A-01
Aflatoxin G2	<6.0	6.0		ng/g	1	"	"	"	"	
Ochratoxin A	<20	20		ng/g	1	"	"	"	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Aflatoxin B1	<2.5	2.5		ng/g	1	B2B2417	02/24/22	02/25/22	LC-MS/MS	
Aflatoxin B2	<2.5	2.5		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.5	2.5		ng/g	1	"	"	"	"	A-01
Aflatoxin G2	<5.1	5.1		ng/g	1	"	"	"	"	
Ochratoxin A	<17	17		ng/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
Cottage Grove, MN 55016	Project Manager:	

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

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Acetamiprid	<0.14	0.14		ug/g	1	B2B2213	02/22/22	02/23/22	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	"	"	"	"	
Fonicamid	<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	"	"	"	"	
Metalaxyl	<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	"	"	"	"	
Oxamyl	<0.14	0.14		ug/g	1	"	"	"	"	
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	<0.034	0.034		ug/g	1	"	"	"	"	
Pyrethrin II	<0.017	0.017		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	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
Cottage Grove, MN 55016	Project Manager:	

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

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Spirotetramat	<0.14	0.14		ug/g	1	B2B2213	02/22/22	02/23/22	LC-MS/MS	
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	"	"	"	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Acetamiprid	<0.13	0.13		ug/g	1	B2B2213	02/22/22	02/23/22	LC-MS/MS	
Aldicarb	<0.13	0.13		ug/g	1	"	"	"	"	
Azoxystrobin	<0.13	0.13		ug/g	1	"	"	"	"	
Bifenazate	<0.13	0.13		ug/g	1	"	"	"	"	
Bifenthrin	<0.13	0.13		ug/g	1	"	"	"	"	
Boscalid	<0.13	0.13		ug/g	1	"	"	"	"	
Carbaryl	<0.13	0.13		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.13	0.13		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.13	0.13		ug/g	1	"	"	"	"	
Clofentezine	<0.13	0.13		ug/g	1	"	"	"	"	
Cypermethrin	<0.13	0.13		ug/g	1	"	"	"	"	
Diazinon	<0.13	0.13		ug/g	1	"	"	"	"	
Dichlorvos	<0.13	0.13		ug/g	1	"	"	"	"	
Dimethoate	<0.13	0.13		ug/g	1	"	"	"	"	
Dursban	<0.13	0.13		ug/g	1	"	"	"	"	
Ethoprophos	<0.13	0.13		ug/g	1	"	"	"	"	
Etofenprox	<0.13	0.13		ug/g	1	"	"	"	"	
Etoxazole	<0.13	0.13		ug/g	1	"	"	"	"	
Fenoxycarb	<0.13	0.13		ug/g	1	"	"	"	"	
Fenpyroximate	<0.13	0.13		ug/g	1	"	"	"	"	
Fonicamid	<0.13	0.13		ug/g	1	"	"	"	"	
Imazalil	<0.13	0.13		ug/g	1	"	"	"	"	
Imidacloprid	<0.13	0.13		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.13	0.13		ug/g	1	"	"	"	"	
Malathion	<0.13	0.13		ug/g	1	"	"	"	"	
Metalaxyl	<0.13	0.13		ug/g	1	"	"	"	"	
Methiocarb	<0.13	0.13		ug/g	1	"	"	"	"	
Methomyl	<0.13	0.13		ug/g	1	"	"	"	"	
Myclobutanil	<0.13	0.13		ug/g	1	"	"	"	"	
Naled	<0.13	0.13		ug/g	1	"	"	"	"	
Oxamyl	<0.13	0.13		ug/g	1	"	"	"	"	
Permethrin	<0.13	0.13		ug/g	1	"	"	"	"	
Phosmet	<0.13	0.13		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.13	0.13		ug/g	1	"	"	"	"	
Prallethrin	<0.13	0.13		ug/g	1	"	"	"	"	
Propiconazole	<0.13	0.13		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
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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>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Propoxur	<0.13	0.13		ug/g	1	B2B2213	02/22/22	02/23/22	LC-MS/MS	
Pyrethrin I	<0.031	0.031		ug/g	1	"	"	"	"	
Pyrethrin II	<0.016	0.016		ug/g	1	"	"	"	"	
Pyridaben	<0.13	0.13		ug/g	1	"	"	"	"	
Spinosad	<0.13	0.13		ug/g	1	"	"	"	"	
Spiromesifen	<0.13	0.13		ug/g	1	"	"	"	"	
Spirotetramat	<0.13	0.13		ug/g	1	"	"	"	"	
Spiroxamine	<0.13	0.13		ug/g	1	"	"	"	"	
Thiacloprid	<0.13	0.13		ug/g	1	"	"	"	"	
Thiamethoxam	<0.13	0.13		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.13	0.13		ug/g	1	"	"	"	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Acetamiprid	<0.14	0.14		ug/g	1	B2B2213	02/22/22	02/23/22	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	"	"	"	"	M2
Cypermethrin	<0.14	0.14		ug/g	1	"	"	"	"	M2
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	"	"	"	"	M2
Etofenprox	<0.14	0.14		ug/g	1	"	"	"	"	M2
Etoxazole	<0.14	0.14		ug/g	1	"	"	"	"	
Fenoxycarb	<0.14	0.14		ug/g	1	"	"	"	"	M2
Fenpyroximate	<0.14	0.14		ug/g	1	"	"	"	"	
Fonicamid	<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	"	"	"	"	M2
Metalaxyl	<0.14	0.14		ug/g	1	"	"	"	"	
Methiocarb	<0.14	0.14		ug/g	1	"	"	"	"	M2
Methomyl	<0.14	0.14		ug/g	1	"	"	"	"	
Myclobutanil	<0.14	0.14		ug/g	1	"	"	"	"	
Naled	<0.14	0.14		ug/g	1	"	"	"	"	M2

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
8235 97th Street South		Date Reported: 02/28/22
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**PESTICIDES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b>										
<b>Sampled: 02/21/22 08:30 Received: 02/21/22 9:49</b>										
Oxamyl	<0.14	0.14		ug/g	1	B2B2213	02/22/22	02/23/22	LC-MS/MS	
Permethrin	<0.14	0.14		ug/g	1	"	"	"	"	M2
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	"	"	"	"	M2
Spinosad	<0.14	0.14		ug/g	1	"	"	"	"	M2
Spiromesifen	<0.14	0.14		ug/g	1	"	"	"	"	
Spirotetramat	<0.14	0.14		ug/g	1	"	"	"	"	
Spiroxamine	<0.14	0.14		ug/g	1	"	"	"	"	M2
Thiacloprid	<0.14	0.14		ug/g	1	"	"	"	"	
Thiamethoxam	<0.14	0.14		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.14	0.14		ug/g	1	"	"	"	"	M2

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
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**TOTAL METALS ANALYSIS**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Arsenic	<0.33	0.33	0.21	mg/kg wet	1	B2B2319	02/23/22	02/23/22	EPA 6010D	
Cadmium	<0.18	0.18	0.0038	mg/kg wet	1	"	"	"	"	
Lead	<0.25	0.25	0.031	mg/kg wet	1	"	"	"	"	
Mercury	<0.16	0.16	0.055	mg/kg wet	1	"	"	"	"	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Arsenic	<0.33	0.33	0.21	mg/kg wet	1	B2B2319	02/23/22	02/23/22	EPA 6010D	
Cadmium	<0.18	0.18	0.0038	mg/kg wet	1	"	"	"	"	
Lead	<0.25	0.25	0.031	mg/kg wet	1	"	"	"	"	
Mercury	<0.16	0.16	0.054	mg/kg wet	1	"	"	"	"	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Arsenic	<0.33	0.33	0.21	mg/kg wet	1	B2B2319	02/23/22	02/23/22	EPA 6010D	
Cadmium	<0.18	0.18	0.0037	mg/kg wet	1	"	"	"	"	
Lead	<0.24	0.24	0.031	mg/kg wet	1	"	"	"	"	
Mercury	<0.16	0.16	0.053	mg/kg wet	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
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**MICRO ANALYSES**  
**Legend Technical Services, Inc.**

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Salmonella	<1.0	1.0		CFU/g	1	B2B2510	02/23/22	02/25/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2B2509	"	02/25/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	02/24/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	02/24/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	02/25/22	"	
<b>Total Yeast and Mold</b>	<b>1400</b>	100		CFU/g	10	"	"	02/26/22	AOAC 997.02	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Salmonella	<1.0	1.0		CFU/g	1	B2B2510	02/23/22	02/25/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2B2509	"	02/25/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	02/24/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	02/24/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	02/25/22	"	
<b>Total Yeast and Mold</b>	<b>700</b>	100		CFU/g	10	"	"	02/26/22	AOAC 997.02	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> <b>Sampled: 02/21/22 08:30</b> <b>Received: 02/21/22 9:49</b>										
Salmonella	<1.0	1.0		CFU/g	1	B2B2510	02/23/22	02/25/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2B2509	"	02/25/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	02/24/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	02/24/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	02/25/22	"	
<b>Total Yeast and Mold</b>	<b>800</b>	100		CFU/g	10	"	"	02/26/22	AOAC 997.02	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2200888
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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>45.01-11.02.21-R-Flower (11 Bags) (2200888-01) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Water Activity	0.49	0.14		aW	1	B2B2223	02/22/22	02/22/22	NA	
<b>46.11-11.02.21-R-Flower (2 Bags) (2200888-02) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Water Activity	0.51	0.14		aW	1	B2B2223	02/22/22	02/22/22	NA	
<b>21.01-09.21.21-R-Flower (3 Bags) (2200888-04) Flower</b> Sampled: 02/21/22 08:30 Received: 02/21/22 9:49										
Water Activity	0.42	0.14		aW	1	B2B2223	02/22/22	02/22/22	NA	

**Report Comments:**

Report Revised on 02/28/2022 in order to include results from all analyses.

Report Revised on 02/28/2022 in order to include only results from samples within the work order that pass all state safety testing requirements.

**Notes and Definitions**

- R9 Sample RPD exceeded the laboratory acceptance limit.
- 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.
- L5a The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
- A-01 Reporting limit verification (RLV) recovery was below laboratory limits. No detects in the associated samples.
- < Less than value listed
- RL Reporting Limit
- CFU/g Colony Forming Units per gram