

April 08, 2022

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

Work Order Number: 2201451

Enclosed are the results of analyses for samples received by the laboratory on 03/24/22 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 #: 2201451 Date Reported: 04/08/22
--	---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
27.01-11.18.21-R-Flower (6 Bags)	2201451-01	Flower	03/24/22 07:30	03/24/22 12:10
45.01-10.14.21-R2-Flower (4 Bags)	2201451-02	Flower	03/24/22 07:30	03/24/22 12:10
21.01-11.26.21-R-Flower (7 Bags)	2201451-03	Flower	03/24/22 07:30	03/24/22 12:10

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

PERCENT MOISTURE
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower										
				Sampled: 03/24/22 07:30		Received: 03/24/22 12:10				
% Moisture	12.5	0.100		%	1	B2C2830	03/28/22	03/29/22	% calculation	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower										
				Sampled: 03/24/22 07:30		Received: 03/24/22 12:10				
% Moisture	11.4	0.100		%	1	B2C2830	03/28/22	03/29/22	% calculation	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower										
				Sampled: 03/24/22 07:30		Received: 03/24/22 12:10				
% Moisture	11.8	0.100		%	1	B2C2830	03/28/22	03/29/22	% calculation	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Average Total CBD	0.0363	0.00400		%	1	B2D0527	04/05/22	04/05/22	HPLC	
Average Total THC	18.5	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2C2828	03/28/22	04/01/22	"	
Cannabidiolic Acid (CBDA)	0.0400	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.343	0.00400		%	1	"	"	"	"	
THCA-A	19.6	0.400		%	100	"	"	04/01/22	"	
Total CBD	0.0351	0.00751		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	17.5	0.355		% by Weight	100	"	"	04/01/22	"	
27.01-11.18.21-R-Flower (6 Bags) (2201451-01RE1) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00322	0.00322		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0405	0.00322		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.340	0.0322		%	10	"	"	04/01/22	"	
THCA-A	20.2	0.322		%	100	"	"	04/01/22	"	
Total CBD	0.0356	0.00604		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	18.0	0.314		% by Weight	100	"	"	04/01/22	"	
27.01-11.18.21-R-Flower (6 Bags) (2201451-01RE2) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00353	0.00353		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0437	0.00353		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.351	0.0353		%	10	"	"	04/01/22	"	
THCA-A	22.5	0.353		%	100	"	"	04/01/22	"	
Total CBD	0.0383	0.00662		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	20.0	0.344		% by Weight	100	"	"	04/01/22	"	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Average Total CBD	0.0404	0.00400		%	1	B2D0527	04/05/22	04/05/22	HPLC	
Average Total THC	20.0	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2C2828	03/28/22	04/01/22	"	
Cannabidiolic Acid (CBDA)	0.0476	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.05	0.0400		%	10	"	"	04/01/22	"	
THCA-A	21.9	0.400		%	100	"	"	04/01/22	"	
Total CBD	0.0418	0.00751		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	20.2	0.391		% by Weight	100	"	"	04/01/22	"	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02RE1) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00359	0.00359		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0459	0.00359		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.04	0.0359		%	10	"	"	04/01/22	"	
THCA-A	21.6	0.359		%	100	"	"	04/04/22	"	
Total CBD	0.0403	0.00673		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	20.0	0.350		% by Weight	100	"	"	04/04/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02RE2) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00372	0.00372		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0446	0.00372		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	1.07	0.0372		%	10	"	"	04/01/22	"	
THCA-A	21.3	0.372		%	100	"	"	04/01/22	"	
Total CBD	0.0391	0.00697		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	19.7	0.363		% by Weight	100	"	"	04/01/22	"	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Average Total CBD	0.0549	0.00400		%	1	B2D0527	04/05/22	04/05/22	HPLC	
Average Total THC	25.8	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2C2828	03/28/22	04/01/22	"	
Cannabidiolic Acid (CBDA)	0.0624	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.698	0.0400		%	10	"	"	04/01/22	"	
THCA-A	28.4	0.400		%	100	"	"	04/01/22	"	
Total CBD	0.0547	0.00751		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	25.6	0.391		% by Weight	100	"	"	04/01/22	"	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03RE1) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00400	0.00400		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0621	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.702	0.0400		%	10	"	"	04/01/22	"	
THCA-A	28.7	0.400		%	100	"	"	04/01/22	"	
Total CBD	0.0544	0.00751		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	25.8	0.391		% by Weight	100	"	"	04/01/22	"	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03RE2) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Cannabidiol (CBD)	<0.00336	0.00336		%	1	B2C2828	03/28/22	04/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0634	0.00336		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.690	0.0336		%	10	"	"	04/01/22	"	
THCA-A	28.7	0.336		%	100	"	"	04/01/22	"	
Total CBD	0.0556	0.00631		% by Weight	1	[CALC]	"	04/01/22	"	
Total THC	25.9	0.329		% by Weight	100	"	"	04/01/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	----	-----	-------	----------	-------	----------	----------	--------	-------

27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower **Sampled: 03/24/22 07:30** **Received: 03/24/22 12:10**

(-)-Alpha-Bisabolol	0.012	0.0040	0.00088	% by Weight	1	B2C2918	03/29/22	03/30/22	EPA 8270E	
(-)-beta-Pinene	0.13	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.16	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.019	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.21	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	<0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.17	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	0.0089	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	0.084	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.013	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.044	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.0046	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.051	0.0040	0.00049	% by Weight	1	"	"	"	"	

45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower **Sampled: 03/24/22 07:30** **Received: 03/24/22 12:10**

(-)-Alpha-Bisabolol	0.036	0.0040	0.00088	% by Weight	1	B2C2918	03/29/22	03/31/22	EPA 8270E	
(-)-beta-Pinene	0.041	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiol	0.066	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.17	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.041	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.024	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	<0.020	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.21	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	0.0056	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	0.038	0.0040	0.00042	% by Weight	1	"	"	"	"	
Nerolidol	0.012	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.013	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.012	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.15	0.0040	0.00049	% by Weight	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
(-)-Alpha-Bisabolol	0.035	0.0040	0.00088	% by Weight	1	B2C2918	03/29/22	03/31/22	EPA 8270E	
(-)-beta-Pinene	0.11	0.0040		% by Weight	1	"	"	"	"	
(-)-Guaiaol	0.076	0.0040		% by Weight	1	"	"	"	"	
(-)-Isopulegol	<0.0040	0.0040		% by Weight	1	"	"	"	"	
(R)-(+)-Limonene	0.12	0.0040	0.00075	% by Weight	1	"	"	"	"	
alpha-Humulene	0.046	0.0040	0.00029	% by Weight	1	"	"	"	"	
alpha-Pinene	0.062	0.0040	0.00052	% by Weight	1	"	"	"	"	
alpha-Terpinene	0.029	0.020		% by Weight	1	"	"	"	"	
beta-Myrcene	0.12	0.0040	0.00031	% by Weight	1	"	"	"	"	
Camphene	0.0073	0.0040		% by Weight	1	"	"	"	"	
delta-3-carene	0.053	0.010		% by Weight	1	"	"	"	"	
gamma-Terpinene	0.014	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	0.025	0.0040		% by Weight	1	"	"	"	"	
Ocimene	0.078	0.0040		% by Weight	1	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010		% by Weight	1	"	"	"	"	
Terpinolene	0.33	0.0040	0.00047	% by Weight	1	"	"	"	"	
trans-Caryophyllene	0.17	0.0040	0.00049	% by Weight	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

AFLATOXINS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Aflatoxin B1	<1.9	1.9		ng/g	1	B2D0717	04/06/22	04/06/22	LC-MS/MS	
Aflatoxin B2	<1.9	1.9		ng/g	1	"	"	"	"	
Aflatoxin G1	<1.9	1.9		ng/g	1	"	"	"	"	
Aflatoxin G2	<3.9	3.9		ng/g	1	"	"	"	"	
Ochratoxin A	<13	13		ng/g	1	"	"	"	"	A-01, L1a, QM-11, V1
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Aflatoxin B1	<2.8	2.8		ng/g	1	B2D0717	04/06/22	04/06/22	LC-MS/MS	
Aflatoxin B2	<2.8	2.8		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.8	2.8		ng/g	1	"	"	"	"	
Aflatoxin G2	<5.6	5.6		ng/g	1	"	"	"	"	
Ochratoxin A	<19	19		ng/g	1	"	"	"	"	A-01, L1a, V1
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
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	<4.9	4.9		ng/g	1	"	"	"	"	
Ochratoxin A	<16	16		ng/g	1	"	"	"	"	A-01, L1a, V1

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower										
Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Acetamiprid	<0.12	0.12		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Aldicarb	<0.12	0.12		ug/g	1	"	"	"	"	
Azoxystrobin	<0.12	0.12		ug/g	1	"	"	"	"	
Bifenazate	<0.12	0.12		ug/g	1	"	"	"	"	
Bifenthrin	<0.12	0.12		ug/g	1	"	"	"	"	
Boscalid	<0.12	0.12		ug/g	1	"	"	"	"	
Carbaryl	<0.12	0.12		ug/g	1	"	"	"	"	
Carbofuran (Furadan)	<0.12	0.12		ug/g	1	"	"	"	"	
Chlorantraniliprole	<0.12	0.12		ug/g	1	"	"	"	"	
Clofentezine	<0.12	0.12		ug/g	1	"	"	"	"	
Cypermethrin	<0.12	0.12		ug/g	1	"	"	"	"	
Diazinon	<0.12	0.12		ug/g	1	"	"	"	"	
Dichlorvos	<0.12	0.12		ug/g	1	"	"	"	"	
Dimethoate	<0.12	0.12		ug/g	1	"	"	"	"	
Dursban	<0.12	0.12		ug/g	1	"	"	"	"	
Ethoprophos	<0.12	0.12		ug/g	1	"	"	"	"	
Etofenprox	<0.12	0.12		ug/g	1	"	"	"	"	
Etoxazole	<0.12	0.12		ug/g	1	"	"	"	"	
Fenoxycarb	<0.12	0.12		ug/g	1	"	"	"	"	
Fenpyroximate	<0.12	0.12		ug/g	1	"	"	"	"	
Fonicamid	<0.12	0.12		ug/g	1	"	"	"	"	
Imazalil	<0.12	0.12		ug/g	1	"	"	"	"	
Imidacloprid	<0.12	0.12		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.12	0.12		ug/g	1	"	"	"	"	
Malathion	<0.12	0.12		ug/g	1	"	"	"	"	
Metalaxyl	<0.12	0.12		ug/g	1	"	"	"	"	
Methiocarb	<0.12	0.12		ug/g	1	"	"	"	"	
Methomyl	<0.12	0.12		ug/g	1	"	"	"	"	
Myclobutanil	<0.12	0.12		ug/g	1	"	"	"	"	
Naled	<0.12	0.12		ug/g	1	"	"	"	"	
Oxamyl	<0.12	0.12		ug/g	1	"	"	"	"	
Permethrin	<0.12	0.12		ug/g	1	"	"	"	"	
Phosmet	<0.12	0.12		ug/g	1	"	"	"	"	
Piperonyl butoxide	<0.12	0.12		ug/g	1	"	"	"	"	
Prallethrin	<0.12	0.12		ug/g	1	"	"	"	"	
Propiconazole	<0.12	0.12		ug/g	1	"	"	"	"	
Propoxur	<0.12	0.12		ug/g	1	"	"	"	"	
Pyrethrin I	<0.029	0.029		ug/g	1	"	"	"	"	
Pyrethrin II	<0.014	0.014		ug/g	1	"	"	"	"	
Pyridaben	<0.12	0.12		ug/g	1	"	"	"	"	
Spinosad	<0.12	0.12		ug/g	1	"	"	"	"	
Spiromesifen	<0.12	0.12		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower										
				Sampled: 03/24/22 07:30			Received: 03/24/22 12:10			
Spirotetramat	<0.12	0.12		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
Spiroxamine	<0.12	0.12		ug/g	1	"	"	"	"	
Thiacloprid	<0.12	0.12		ug/g	1	"	"	"	"	
Thiamethoxam	<0.12	0.12		ug/g	1	"	"	"	"	
Trifloxystrobin	<0.12	0.12		ug/g	1	"	"	"	"	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower										
				Sampled: 03/24/22 07:30			Received: 03/24/22 12:10			
Acetamiprid	<0.16	0.16		ug/g	1	B2C3108	03/31/22	04/01/22	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	"	"	"	"	
Boscalid	<0.16	0.16		ug/g	1	"	"	"	"	
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	"	"	"	"	
Fonicamid	<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	"	"	"	"	
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	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Propoxur	<0.16	0.16		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
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	"	"	"	"	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Acetamiprid	<0.16	0.16		ug/g	1	B2C3108	03/31/22	04/01/22	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	"	"	"	"	
Boscalid	<0.16	0.16		ug/g	1	"	"	"	"	
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	"	"	"	"	
Fonicamid	<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	"	"	"	"	
Naled	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower										
Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Oxamyl	<0.16	0.16		ug/g	1	B2C3108	03/31/22	04/01/22	LC-MS/MS	
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	"	"	"	"	
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 #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

TOTAL METALS ANALYSIS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2C2919	03/29/22	03/29/22	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
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2C2919	03/29/22	03/29/22	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
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Arsenic	<0.23	0.23	0.070	ug/g wet	1	B2C2919	03/29/22	03/29/22	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	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

MICRO ANALYSES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Salmonella	<1.0	1.0		CFU/g	1	B2D0115	03/29/22	03/31/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2D0114	03/29/22	03/31/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	03/30/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	03/31/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	03/31/22	"	
Total Yeast and Mold	3900	1000		CFU/g	100	"	"	04/01/22	AOAC 997.02	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Salmonella	<1.0	1.0		CFU/g	1	B2D0115	03/29/22	03/31/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2D0114	03/29/22	03/31/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	03/30/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	03/31/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	03/31/22	"	
Total Yeast and Mold	<1000	1000		CFU/g	100	"	"	04/01/22	AOAC 997.02	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Salmonella	<1.0	1.0		CFU/g	1	B2D0115	03/29/22	03/31/22	AOAC 2014.01	
Total Aerobic Bacteria	<250	250		CFU/g	1	B2D0114	03/29/22	03/31/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<150	150		CFU/g	1	"	"	03/30/22	AOAC 2003.01	
Total Coliform	<10	10		CFU/g	1	"	"	03/31/22	AOAC 991.14	
Total E.coli	<1.0	1.0		CFU/g	1	"	"	03/31/22	"	
Total Yeast and Mold	2000	1000		CFU/g	100	"	"	04/01/22	AOAC 997.02	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2201451
8235 97th Street South		Date Reported: 04/08/22
Cottage Grove, MN 55016	Project Manager:	

WATER ACTIVITY
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
27.01-11.18.21-R-Flower (6 Bags) (2201451-01) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Water Activity	0.43	0.14		aW	1	B2C2831	03/28/22	03/29/22	NA	
45.01-10.14.21-R2-Flower (4 Bags) (2201451-02) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Water Activity	0.53	0.14		aW	1	B2C2831	03/28/22	03/29/22	NA	
21.01-11.26.21-R-Flower (7 Bags) (2201451-03) Flower Sampled: 03/24/22 07:30 Received: 03/24/22 12:10										
Water Activity	0.40	0.14		aW	1	B2C2831	03/28/22	03/29/22	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.
- 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.
- CB The continuing calibration blank exceeded method 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