

August 15, 2022

Rachel Loeber
LeafLine Labs
8235 87th Street South
Cottage Grove, MN 55016

Work Order Number: 2203457

Enclosed are the results of analyses for samples received by the laboratory on 07/28/22 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: Rachel Loeber	Work Order #: 2203457 Date Reported: 08/15/22
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
53.02-03.21.22-R-Flower (3 Bags)	2203457-01	Flower	07/28/22 09:00	07/28/22 15:35
53.03-03.21.22-R-Flower (4 Bags)	2203457-02	Flower	07/28/22 09:00	07/28/22 15:35
53.08-03.21.22-R-Flower (3 Bags)	2203457-03	Flower	07/28/22 09:00	07/28/22 15:35
48.05-03.21.22-R-Flower (5 Bags)	2203457-04	Flower	07/28/22 09:00	07/28/22 15:35
21.01-03.21.22-R-Flower (10 Bags)	2203457-05	Flower	07/28/22 09:00	07/28/22 15:35

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
Cottage Grove, MN 55016		

PERCENT MOISTURE
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
% Moisture	14.3	0.100		%	1	B2H0111	08/01/22	08/01/22	% calculation	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
% Moisture	14.3	0.100		%	1	B2H0111	08/01/22	08/01/22	% calculation	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
% Moisture	12.4	0.100		%	1	B2H0111	08/01/22	08/01/22	% calculation	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
% Moisture	14.3	0.100		%	1	B2H0111	08/01/22	08/01/22	% calculation	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
% Moisture	13.3	0.100		%	1	B2H0111	08/01/22	08/01/22	% calculation	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Average Total CBD	0.0591	0.00400		%	1	B2H0411	08/04/22	08/04/22	HPLC	
Average Total THC	19.5	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0207	0.00378		%	1	B2H0236	08/01/22	08/01/22	"	
Cannabidiolic Acid (CBDA)	0.0454	0.00378		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.353	0.00378		%	1	"	"	"	"	
THCA-A	22.7	0.378		%	100	"	"	08/01/22	"	
Total CBD	0.0606	0.00709		% by Weight	1	[CALC]	"	08/01/22	"	
Total THC	20.3	0.335		% by Weight	100	"	"	08/01/22	"	
53.02-03.21.22-R-Flower (3 Bags) (2203457-01RE1) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0200	0.00373		%	1	B2H0236	08/01/22	08/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0440	0.00373		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.346	0.00373		%	1	"	"	"	"	
THCA-A	21.2	0.373		%	100	"	"	08/01/22	"	
Total CBD	0.0586	0.00701		% by Weight	1	[CALC]	"	08/01/22	"	
Total THC	18.9	0.331		% by Weight	100	"	"	08/01/22	"	
53.02-03.21.22-R-Flower (3 Bags) (2203457-01RE2) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0199	0.00400		%	1	B2H0236	08/01/22	08/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0437	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.325	0.00400		%	1	"	"	"	"	
THCA-A	21.7	0.400		%	100	"	"	08/01/22	"	
Total CBD	0.0582	0.00751		% by Weight	1	[CALC]	"	08/01/22	"	
Total THC	19.4	0.355		% by Weight	100	"	"	08/01/22	"	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Average Total CBD	0.0815	0.00400		%	1	B2H0411	08/04/22	08/04/22	HPLC	
Average Total THC	21.3	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0403	0.00362		%	1	B2H0236	08/01/22	08/01/22	"	
Cannabidiolic Acid (CBDA)	0.0494	0.00362		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.455	0.0362		%	10	"	"	08/01/22	"	
THCA-A	24.4	0.362		%	100	"	"	08/01/22	"	
Total CBD	0.0836	0.00679		% by Weight	1	[CALC]	"	08/01/22	"	
Total THC	21.8	0.353		% by Weight	100	"	"	08/01/22	"	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02RE1) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0388	0.00351		%	1	B2H0236	08/01/22	08/01/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0468	0.00351		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.438	0.0351		%	10	"	"	08/01/22	"	
THCA-A	23.7	0.351		%	100	"	"	08/02/22	"	
Total CBD	0.0799	0.00659		% by Weight	1	[CALC]	"	08/01/22	"	
Total THC	21.2	0.343		% by Weight	100	"	"	08/02/22	"	

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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.03-03.21.22-R-Flower (4 Bags) (2203457-02RE2) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0397	0.00367		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0470	0.00367		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.450	0.0367		%	10	"	"	08/02/22	"	
THCA-A	23.5	0.367		%	100	"	"	08/02/22	"	
Total CBD	0.0809	0.00688		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	21.0	0.358		% by Weight	100	"	"	08/02/22	"	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Average Total CBD	0.0619	0.00400		%	1	B2H0411	08/04/22	08/04/22	HPLC	
Average Total THC	19.3	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0238	0.00361		%	1	B2H0236	08/01/22	08/02/22	"	
Cannabidiolic Acid (CBDA)	0.0436	0.00361		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.463	0.0361		%	10	"	"	08/02/22	"	
THCA-A	21.5	0.361		%	100	"	"	08/02/22	"	
Total CBD	0.0620	0.00678		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	19.3	0.353		% by Weight	100	"	"	08/02/22	"	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03RE1) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0230	0.00375		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0436	0.00375		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.464	0.0375		%	10	"	"	08/02/22	"	
THCA-A	21.3	0.375		%	100	"	"	08/02/22	"	
Total CBD	0.0613	0.00704		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	19.2	0.366		% by Weight	100	"	"	08/02/22	"	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03RE2) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0236	0.00400		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0442	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.475	0.0400		%	10	"	"	08/02/22	"	
THCA-A	21.7	0.400		%	100	"	"	08/02/22	"	
Total CBD	0.0624	0.00751		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	19.5	0.391		% by Weight	100	"	"	08/02/22	"	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Average Total CBD	0.0410	0.00400		%	1	B2H0411	08/04/22	08/04/22	HPLC	
Average Total THC	15.0	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0110	0.00378		%	1	B2H0236	08/01/22	08/02/22	"	
Cannabidiolic Acid (CBDA)	0.0339	0.00378		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.335	0.00378		%	1	"	"	"	"	
THCA-A	16.4	0.378		%	100	"	"	08/02/22	"	
Total CBD	0.0408	0.00710		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	14.7	0.336		% by Weight	100	"	"	08/02/22	"	

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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
48.05-03.21.22-R-Flower (5 Bags) (2203457-04RE1) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0106	0.00400		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0334	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.328	0.00400		%	1	"	"	"	"	
THCA-A	16.0	0.400		%	100	"	"	08/02/22	"	
Total CBD	0.0399	0.00751		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	14.4	0.355		% by Weight	100	"	"	08/02/22	"	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04RE2) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0112	0.00375		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0354	0.00375		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.350	0.00375		%	1	"	"	"	"	
THCA-A	17.8	0.375		%	100	"	"	08/02/22	"	
Total CBD	0.0422	0.00704		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	15.9	0.333		% by Weight	100	"	"	08/02/22	"	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Average Total CBD	0.0705	0.00400		%	1	B2H0411	08/04/22	08/04/22	HPLC	
Average Total THC	22.7	0.00400		%	1	"	"	"	"	
Cannabidiol (CBD)	0.0241	0.00400		%	1	B2H0236	08/01/22	08/02/22	"	
Cannabidiolic Acid (CBDA)	0.0522	0.00400		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.753	0.0400		%	10	"	"	08/02/22	"	
THCA-A	25.5	0.400		%	100	"	"	08/02/22	"	
Total CBD	0.0699	0.00751		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	23.1	0.391		% by Weight	100	"	"	08/02/22	"	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05RE1) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0238	0.00375		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0543	0.00375		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.713	0.0375		%	10	"	"	08/02/22	"	
THCA-A	25.2	0.375		%	100	"	"	08/02/22	"	
Total CBD	0.0714	0.00704		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	22.8	0.367		% by Weight	100	"	"	08/02/22	"	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05RE2) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Cannabidiol (CBD)	0.0240	0.00375		%	1	B2H0236	08/01/22	08/02/22	HPLC	
Cannabidiolic Acid (CBDA)	0.0528	0.00375		%	1	"	"	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.722	0.0375		%	10	"	"	08/02/22	"	
THCA-A	24.6	0.375		%	100	"	"	08/02/22	"	
Total CBD	0.0703	0.00704		% by Weight	1	[CALC]	"	08/02/22	"	
Total THC	22.3	0.367		% by Weight	100	"	"	08/02/22	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
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TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21-22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
(-)-Alpha-Bisabolol	<0.0080	0.0080	0.0018	% by Weight	2	B2H0314	08/03/22	08/04/22	EPA 8270E	
(-)-beta-Pinene	0.047	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.25	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.14	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.022	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.056	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	0.19	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	<0.0080	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	0.015	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.46	0.0080	0.00098	% by Weight	2	"	"	"	"	
53.03-03.21-22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
(-)-Alpha-Bisabolol	0.069	0.0080	0.0018	% by Weight	2	B2H0314	08/03/22	08/04/22	EPA 8270E	
(-)-beta-Pinene	0.074	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.28	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.069	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.045	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.060	0.0080	0.00062	% by Weight	2	"	"	"	"	
Camphene	0.013	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	0.015	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	0.12	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
Ocimene	0.061	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	0.016	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.23	0.0080	0.00098	% by Weight	2	"	"	"	"	

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TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
(-)-Alpha-Bisabolol	0.085	0.0080	0.0018	% by Weight	2	B2H0314	08/03/22	08/04/22	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	0.14	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.074	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.012	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.096	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	0.012	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	0.30	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	0.067	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	0.013	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.25	0.0080	0.00098	% by Weight	2	"	"	"	"	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
(-)-Alpha-Bisabolol	0.010	0.0080	0.0018	% by Weight	2	B2H0314	08/03/22	08/04/22	EPA 8270E	
(-)-beta-Pinene	0.047	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	0.079	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.13	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.072	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.048	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.019	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	0.15	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
Ocimene	0.016	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	0.015	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.24	0.0080	0.00098	% by Weight	2	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
Cottage Grove, MN 55016		

TERPENES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
(-)-Alpha-Bisabolol	0.046	0.0080	0.0018	% by Weight	2	B2H0314	08/03/22	08/04/22	EPA 8270E	
(-)-beta-Pinene	0.095	0.0080		% by Weight	2	"	"	"	"	
(-)-Guaiaol	0.10	0.0080		% by Weight	2	"	"	"	"	
(-)-Isopulegol	<0.0080	0.0080		% by Weight	2	"	"	"	"	
(R)-(+)-Limonene	0.13	0.0080	0.0015	% by Weight	2	"	"	"	"	
alpha-Humulene	0.068	0.0080	0.00058	% by Weight	2	"	"	"	"	
alpha-Pinene	0.053	0.0080	0.0010	% by Weight	2	"	"	"	"	
alpha-Terpinene	<0.040	0.040		% by Weight	2	"	"	"	"	
beta-Myrcene	0.099	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	0.015	0.0080		% by Weight	2	"	"	"	"	
Geraniol	<0.0080	0.0080	0.0024	% by Weight	2	"	"	"	"	
Linalool	0.053	0.0080	0.00084	% by Weight	2	"	"	"	"	
Nerolidol	0.036	0.0080		% by Weight	2	"	"	"	"	
Ocimene	0.073	0.0080		% by Weight	2	"	"	"	"	
p-Isopropyltoluene (p-Cymene)	<0.020	0.020		% by Weight	2	"	"	"	"	
Terpinolene	0.35	0.0080	0.00094	% by Weight	2	"	"	"	"	
trans-Caryophyllene	0.23	0.0080	0.00098	% by Weight	2	"	"	"	"	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager: Rachel Loeber	Work Order #: 2203457 Date Reported: 08/15/22
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AFLATOXINS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2H0125	08/01/22	08/08/22	LC-MS/MS	
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	
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	"	"	"	"	L5a, V1
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Aflatoxin B1	<2.8	2.8		ng/g	1	B2H0125	08/01/22	08/08/22	LC-MS/MS	
Aflatoxin B2	<2.8	2.8		ng/g	1	"	"	"	"	
Aflatoxin G1	<2.8	2.8		ng/g	1	"	"	"	"	
Aflatoxin G2	<5.7	5.7		ng/g	1	"	"	"	"	
Ochratoxin A	<19	19		ng/g	1	"	"	"	"	L5a, QM-11, V1
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2H0125	08/01/22	08/08/22	LC-MS/MS	
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	
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	"	"	"	"	L5a, V1
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2H0125	08/01/22	08/08/22	LC-MS/MS	
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	
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	"	"	"	"	L5a, V1
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Aflatoxin B1	<3.0	3.0		ng/g	1	B2H0125	08/01/22	08/08/22	LC-MS/MS	
Aflatoxin B2	<3.0	3.0		ng/g	1	"	"	"	"	
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	"	"	"	"	L5a, V1

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21-22-R-Flower (2 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Acetamiprid	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	A-01a, L5a
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	"	"	"	"	A-01, V1
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Flonicamid	<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	"	"	"	"	V9
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	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Spirotetramat	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	LC-MS/MS	
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	"	"	"	"	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Acetamiprid	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	A-01a, L5a
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	"	"	"	"	
Clofentazine	<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	"	"	"	"	A-01, V1
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Flonicamid	<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	"	"	"	"	
Metaxyl	<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	"	"	"	"	V9
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 #: 2203457
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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Propoxur	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Acetamiprid	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	A-01a, L5a
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	"	"	"	"	A-01, V1
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	"	"	"	"	
Imazali	<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	"	"	"	"	
Metaxyl	<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	"	"	"	"	V9

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
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PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Oxamyl	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Acetamiprid	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	A-01a, L5a
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	"	"	"	"	A-01, V1
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	
Fenoxycarb	<0.16	0.16		ug/g	1	"	"	"	"	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Flonicamid	<0.16	0.16		ug/g	1	"	"	"	"	
Imazali	<0.16	0.16		ug/g	1	"	"	"	"	
Imidacloprid	<0.16	0.16		ug/g	1	"	"	"	"	
Kresoxim methyl	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
Cottage Grove, MN 55016		

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Malathion	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	LC-MS/MS	
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	"	"	"	"	V9
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	"	"	"	"	
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	"	"	"	"	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Acetamiprid	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	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	"	"	"	"	A-01a, L5a
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	"	"	"	"	A-01, V1
Etoxazole	<0.16	0.16		ug/g	1	"	"	"	"	

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
Cottage Grove, MN 55016		

PESTICIDES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Fenoxycarb	<0.16	0.16		ug/g	1	B2H0124	08/01/22	08/04/22	LC-MS/MS	
Fenpyroximate	<0.16	0.16		ug/g	1	"	"	"	"	
Fonicamid	<0.16	0.16		ug/g	1	"	"	"	"	
Imazali	<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	"	"	"	"	V9
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	"	"	"	"	
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 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager: Rachel Loeber	Work Order #: 2203457 Date Reported: 08/15/22
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TOTAL METALS ANALYSIS
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2H0407	08/04/22	08/04/22	EPA 6020B	V1
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	V1
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	N5, V1
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	V1
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Arsenic	<0.24	0.24	0.070	ug/g wet	1	B2H0407	08/04/22	08/04/22	EPA 6020B	V1
Cadmium	<0.095	0.095	0.016	ug/g wet	1	"	"	"	"	V1
Lead	<0.095	0.095	0.015	ug/g wet	1	"	"	"	"	N5, V1
Mercury	<0.095	0.095	0.015	ug/g wet	1	"	"	"	"	V1
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2H0407	08/04/22	08/04/22	EPA 6020B	V1
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	V1
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	N5, V1
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	V1
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Arsenic	<0.23	0.23	0.069	ug/g wet	1	B2H0407	08/04/22	08/04/22	EPA 6020B	V1
Cadmium	<0.093	0.093	0.016	ug/g wet	1	"	"	"	"	V1
Lead	<0.093	0.093	0.015	ug/g wet	1	"	"	"	"	N5, V1
Mercury	<0.093	0.093	0.015	ug/g wet	1	"	"	"	"	V1
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Arsenic	<0.25	0.25	0.074	ug/g wet	1	B2H0407	08/04/22	08/04/22	EPA 6020B	V1
Cadmium	<0.10	0.10	0.017	ug/g wet	1	"	"	"	"	V1
Lead	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	N5, V1
Mercury	<0.10	0.10	0.016	ug/g wet	1	"	"	"	"	V1

LeafLine Labs	LEGEND Project: Flower Products	Work Order #: 2203457
8235 97th Street South	Project Manager: Rachel Loeber	Date Reported: 08/15/22
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MICRO ANALYSES
Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Salmonella	<1.0	1.0		CFU/g	1	B2H0121	08/01/22	08/04/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2H0120	08/01/22	08/03/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	08/04/22	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	"	"	"	"	
Total Yeast and Mold	900	900		CFU/g	100	"	"	"	AOAC 997.02	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Salmonella	<1.0	1.0		CFU/g	1	B2H0121	08/01/22	08/04/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2H0120	08/01/22	08/03/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	08/04/22	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	"	"	"	"	
Total Yeast and Mold	<900	900		CFU/g	100	"	"	"	AOAC 997.02	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Salmonella	<1.0	1.0		CFU/g	1	B2H0121	08/01/22	08/04/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2H0120	08/01/22	08/03/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	08/04/22	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	"	"	"	"	
Total Yeast and Mold	<890	890		CFU/g	100	"	"	"	AOAC 997.02	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Salmonella	<1.0	1.0		CFU/g	1	B2H0121	08/01/22	08/04/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2H0120	08/01/22	08/03/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	08/04/22	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	"	"	"	"	
Total Yeast and Mold	900	900		CFU/g	100	"	"	"	AOAC 997.02	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Salmonella	<1.0	1.0		CFU/g	1	B2H0121	08/01/22	08/04/22	AOAC 2014.01	
Total Aerobic Bacteria	<220	220		CFU/g	1	B2H0120	08/01/22	08/03/22	AOAC 990.12	
Total Bile Tolerant Gram-Negative Bacteria	<130	130		CFU/g	1	"	"	08/04/22	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	"	"	"	"	
Total Yeast and Mold	<890	890		CFU/g	100	"	"	"	AOAC 997.02	

LeafLine Labs 8235 97th Street South Cottage Grove, MN 55016	LEGEND Project: Flower Products Project Manager: Rachel Loeber	Work Order #: 2203457 Date Reported: 08/15/22
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WATER ACTIVITY Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
53.02-03.21.22-R-Flower (3 Bags) (2203457-01) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Water Activity	0.57	0.14		aW	1	B2H0232	08/02/22	08/02/22	NA	
53.03-03.21.22-R-Flower (4 Bags) (2203457-02) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Water Activity	0.58	0.14		aW	1	B2H0232	08/02/22	08/02/22	NA	
53.08-03.21.22-R-Flower (3 Bags) (2203457-03) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Water Activity	0.58	0.14		aW	1	B2H0232	08/02/22	08/02/22	NA	
48.05-03.21.22-R-Flower (5 Bags) (2203457-04) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Water Activity	0.58	0.14		aW	1	B2H0232	08/02/22	08/02/22	NA	
21.01-03.21.22-R-Flower (10 Bags) (2203457-05) Flower Sampled: 07/28/22 09:00 Received: 07/28/22 15:35										
Water Activity	0.57	0.14		aW	1	B2H0232	08/02/22	08/02/22	NA	

Report Comments:

Notes and Definitions

V9	CCV recovery was below method acceptance limits.
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
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.
A-01a	Reporting limit verification (RLV) recovery was above laboratory limits. No detects in the associated samples.
A-01	Reporting limit verification (RLV) recovery was above laboratory limits. No detects in the associated samples
<	Less than value listed
RL	Reporting Limit
CFU/g	Colony Forming Units per gram