

October 28, 2019

Robert Sikkink
Irons Meadow
50490 Log Cabin Rd
Hinckley, MN 55037

Work Order Number: 1904440

Enclosed are the results of analyses for samples received by the laboratory on 10/22/19. If there are any questions concerning this report, please feel free to contact me.

Results are not blank corrected unless noted within the report.

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 or discarded unless other arrangements are made.

Prepared by,

LEGEND TECHNICAL SERVICES, INC.
ISO/IEC 17025:2005 Accredited, A2LA Certificate 2950.01



Carissa Prekker
Client Manager II
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Irons Meadow
50490 Log Cabin Rd
Hinckley, MN 55037

LEGEND Project: Hemp

Project Manager: Robert Sikkink

Work Order #: 1904440

Date Reported: 10/28/19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Berry Blossom	1904440-01	Plant	10/22/19 00:00	10/22/19 11:20
C1	1904440-02	Plant	10/22/19 00:00	10/22/19 11:20
Purple Cherry Wine	1904440-03	Plant	10/22/19 00:00	10/22/19 11:20
New Cherry Wine	1904440-04	Plant	10/22/19 00:00	10/22/19 11:20
Cherry Cherry	1904440-05	Plant	10/22/19 00:00	10/22/19 11:20

Irons Meadow 50490 Log Cabin Rd Hinckley, MN 55037	LEGEND Project: Hemp Project Manager: Robert Sikkink	Work Order #: 1904440 Date Reported: 10/28/19
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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	Units	Analyzed	Method	Notes
Berry Blossom (1904440-01) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Cannabichromene (CBC)	0.0116	0.00200	% by Weight	10/23/19	HPLC	
Cannabidiol (CBD)	0.0830	0.00200	% by Weight	"	"	
Cannabidiolic Acid (CBDA)	9.52	0.200	% by Weight	"	"	
Cannabigerol (CBG)	0.0190	0.00200	% by Weight	"	"	
Cannabinol (CBN)	<0.00200	0.00200	% by Weight	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0121	0.00200	% by Weight	"	"	
THCA-A	0.270	0.0200	% by Weight	10/23/19	"	
Total CBD	8.43	0.177	% by Weight	10/23/19	"	
Total THC	0.249	0.0195	% by Weight	10/23/19	"	
C1 (1904440-02) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Cannabichromene (CBC)	0.00958	0.00200	% by Weight	10/23/19	HPLC	
Cannabidiol (CBD)	0.0772	0.00200	% by Weight	"	"	
Cannabidiolic Acid (CBDA)	10.9	0.400	% by Weight	10/24/19	"	
Cannabigerol (CBG)	0.0351	0.00200	% by Weight	10/23/19	"	
Cannabinol (CBN)	<0.00200	0.00200	% by Weight	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0119	0.00200	% by Weight	"	"	
THCA-A	0.343	0.0200	% by Weight	10/23/19	"	
Total CBD	9.66	0.353	% by Weight	10/24/19	"	
Total THC	0.312	0.0195	% by Weight	10/23/19	"	
Purple Cherry Wine (1904440-03) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Cannabichromene (CBC)	0.00632	0.00184	% by Weight	10/23/19	HPLC	
Cannabidiol (CBD)	0.102	0.0184	% by Weight	10/23/19	"	
Cannabidiolic Acid (CBDA)	14.9	0.368	% by Weight	10/24/19	"	
Cannabigerol (CBG)	0.0432	0.00184	% by Weight	10/23/19	"	
Cannabinol (CBN)	<0.00184	0.00184	% by Weight	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0126	0.00184	% by Weight	"	"	
THCA-A	0.471	0.0184	% by Weight	10/23/19	"	
Total CBD	13.2	0.341	% by Weight	10/24/19	"	
Total THC	0.425	0.0180	% by Weight	10/23/19	"	
New Cherry Wine (1904440-04) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Cannabichromene (CBC)	0.0148	0.00187	% by Weight	10/24/19	HPLC	
Cannabidiol (CBD)	0.0595	0.00187	% by Weight	"	"	
Cannabidiolic Acid (CBDA)	11.4	0.375	% by Weight	10/24/19	"	
Cannabigerol (CBG)	0.0830	0.00187	% by Weight	10/24/19	"	
Cannabinol (CBN)	<0.00187	0.00187	% by Weight	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0120	0.00187	% by Weight	"	"	
THCA-A	0.345	0.0187	% by Weight	10/24/19	"	

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TOTAL CANNABINOIDS
Legend Technical Services, Inc.

Analyte	Result	RL	Units	Analyzed	Method	Notes
New Cherry Wine (1904440-04) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Total CBD	10.0	0.330	% by Weight	10/24/19	HPLC	
Total THC	0.315	0.0183	% by Weight	10/24/19	"	
Cherry Cherry (1904440-05) Plant Sampled: 10/22/19 00:00 Received: 10/22/19 11:20						
Cannabichromene (CBC)	0.0143	0.00200	% by Weight	10/24/19	HPLC	
Cannabidiol (CBD)	0.0638	0.00200	% by Weight	"	"	
Cannabidiolic Acid (CBDA)	11.0	0.400	% by Weight	10/24/19	"	
Cannabigerol (CBG)	0.0699	0.00200	% by Weight	10/24/19	"	
Cannabinol (CBN)	<0.00200	0.00200	% by Weight	"	"	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0106	0.00200	% by Weight	"	"	
THCA-A	0.333	0.0200	% by Weight	10/24/19	"	
Total CBD	9.73	0.353	% by Weight	10/24/19	"	
Total THC	0.303	0.0195	% by Weight	10/24/19	"	

Report Comments:

Notes and Definitions

< Less than value listed

RL Reporting Limit

CFU/g Colony Forming Units per gram

Total CBD = CBD +(CBDA*0.877)

Total THC = d-9 THC + (THCA-A*0.877)

0.877 is the decarboxylation factor when converting from the acid form to the neutral form

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LEGEND TECHNICAL SERVICES, INC
88 Empire Drive, St. Paul, MN 55103 - Telephone: 651-642-1150, Fax: 651-642-1239
HEMP CHAIN-OF-CUSTODY (COC) RECORD

Client Name: <i>Robert Sirkink</i> DBA: <i>Irons Meadow</i> Address: <i>50490 Log Cabin Rd</i> <i>Hinckley, MN 55037</i> Industrial Hemp License #: <i>20201411</i> <input checked="" type="checkbox"/> Grower <input type="checkbox"/> Processor		Bill/Invoice To: <i>Irons Meadow</i> Address: <i>50490 Log Cabin Rd</i> <i>Hinckley, MN 55037</i> PO #:		LEGEND Project#: <i>1904440</i> Turn Around Time: <input type="checkbox"/> RUSH (3 day) <input type="checkbox"/> Normal (5-7 days) REQUESTED Due Date: *Main 4 Cannabinoids: CBD, CBDA, D9-THC, THCA-A Full Cannabinoid Profile: <i>Main 4, CBG, CBC, CBN</i>		COMMENTS							
Attn:		Phone: <i>320-630-5540</i>		E-mail: <i>50490logcabin@gmail.com</i>		ANALYSIS							
Item No.	Sample Name	Collection Date	Cannabinoi ds (Full Profile)	Terp enes	Myc oto xin / Afla toxins	Hea vy Metals	Resi dua l Sol vents	Pesti cid es	Micr o: Aer obi c Bac teria	Micr o: Yea st/ Mol d	Micr o: Coli for m/E .coli	Micr o: Sal mo nell a	Micro: Bile Tol. Gram -neg Bact eria
1	<i>Berry Blossom</i>	<i>10/22</i>	<i>✓</i>										
2	<i>CI</i>	<i>10/22</i>	<i>X</i>										
3	<i>Purple Cherry Wine</i>	<i>10/22</i>	<i>X</i>										
4	<i>New Cherry Wine</i>	<i>10/22</i>	<i>X</i>										
5	<i>Cherry Cherry</i>	<i>10/22</i>	<i>X</i>										
6													
7													
8													
9													
10													
Sample Collector (please print): <i>Kevin Sirkink</i>		Relinquished By: <i>Kevin Sirkink</i>		Time: <i>12:00</i>		Accepted by:		Date:		Time:			
Comments:		Relinquished By:		Time:		Received by Lab: <i>[Signature]</i>		Date: <i>10/22/19</i>		Time: <i>1120</i>			

PLEASE REVIEW TERMS AND CONDITIONS ON BACK BEFORE SIGNING

Form LAB-496.1 (06/19)

White Copy - Original Accompanies Shipment to Lab

Yellow Copy - Lab

Pink Copy - Customer or Field Copy