



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Seed Programs Division 5825 Florida Blvd, Suite 3004, Baton Rouge, LA 70806 Phone (225) 925-4733; Fax (225) 925-4124

INDUSTRIAL HEMP SEED ACQUISITION REQUEST

LA Industrial Hemp Licensee Name: <u>Grass Masters</u>	License Number: <u>22-1100111</u>
Name of Designated Responsible Party (if applicable): <u>Crystal Grayson</u>	
Email: <u>crystalhgrayson@gmail.com</u>	Phone: <u>337-319-7232</u>

1) Complete all seed and variety information in the table below.

Seed Source: (Company Name and State)	Variety/Strain (of Seed and/or Propagules Requested)	Form of Material	Quantity (weight in lbs. or number of plants)	Certificate of Analysis ID No. (THC Test)	FOR LDAF OFFICE USE ONLY	
					LDAF Approved (Yes/No)	LDAF Agent Signature
<i>Ex: ABC Hemp, LA</i>	<i>Hemp 01</i>	<i>Seed</i>	<i>1,500 lbs.</i>			
<i>Ex: USA Hemp, CO</i>	<i>CBD100</i>	<i>Rooted cuttings</i>	<i>100 plants</i>			
<u>Virgin Hemp Farms</u>	<u>KLK1</u>	<u>cuttings</u>	<u>3500 plants</u>	<u>A0571-04</u>		

2) If the requested seed shipment will be distributed to other LDAF industrial hemp licensees, you must complete the table below for each subsequent shipment and keep for your records. Distributors of industrial hemp seed must possess a current Louisiana Seed Dealer License.

	Industrial Hemp Licensee Name	Industrial Hemp License Number	Seed/Propagule Quantity	Variety/Strain
1.				
2.				
3.				
4.				
5.				
6.				

*Copy this sheet and attach additional sheets as necessary.

Number of additional sheets attached: _____

Crystal Grayson
Signature of Applicant or Designated Responsible Party

Crystal Grayson
Name of Licensee or Designated Responsible Party

6/12/2020
Date

Report: Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID, 4147
545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@prelab.com | Preelab.com

Product Description

Client: **KLR Farms**

Product Name: **KLR_#1**

Matrix: Qualifying Hemp

Metric ID: n/a

Lot Number: Holiday St Indoor D-2019-KLR_#1

License Number: AG-R1056657AHS

Report ID: A0571-04

Date Collected: 2019-09-24

Date Received: 2019-09-24

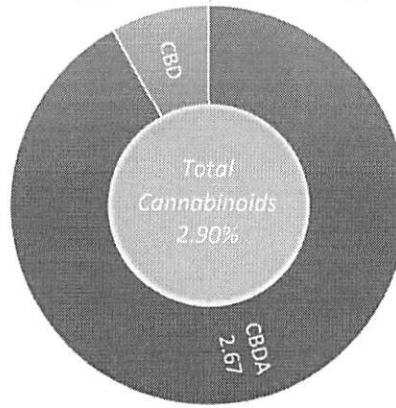
Report Date: 2019-09-30

Tests Requested: Moisture Analysis
Cannabinoid Potency Analysis

Evaluation Summary

Moisture Analysis	Tested Value (%)
	6.21 %

Cannabinoid Potency Analysis		Abrv.	Dry Wt. %	Dry Wt. mg/g
Delta-9-THC	Total CBD *	THCA	< LOQ	< LOQ
0.00	2.58 %	Δ-9-THC	< LOQ	< LOQ
0 mg/g	25.8 mg/g	CBDA	2.67	26.7
		CBD	0.23	2.3
		CBN	< LOQ	< LOQ
		CBDV	< LOQ	< LOQ



Notes: No special conditions were noted during the processing and testing of the sample.

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

Report: Dear Customer

Dear KLR Farms,

PREE Laboratory received samples on 2019-09-24, which were collected on 2019-09-24 by Robert Vingelen. The results in this report are only applicable for the samples listed in this report.

All analyses were performed in accordance with PREE Laboratory NELAP/TNI approved quality control system unless otherwise noted in the case narrative of this report. All quality control data is within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report.

The testing methods used are of sufficient sensitivity to meet the compliance criteria set in OAR 333-007, however it is the responsibility of the client to utilize the data to comply with standards set in OAR 333-007.

If you have any questions regarding information in this report, please feel free to call 541-257-5002 or email the laboratory at services@preelab.com.



Sardar, Tamzid | Laboratory Director
Corvallis, Oregon

Report: Case Narrative



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Case Narrative

This report presents the results of the analyses of the sample received on 2019-09-24 and assigned the Laboratory Number of - A0571-04. The subsequent data is only for the sample listed and parameters tested.

This report shall not be reproduced, except in full, without written consent of PREE Laboratory. This report may not be altered in anyway by any other entity beside PREE Laboratory, and will be noted on this case narrative if modifications are made after the initial release.

All analyses were performed in accordance with PREE Laboratory's Quality Control Program. All QC requirements were met, except as noted below.

Analytical comments are noted on the Certificate of Analysis with data flags, and/or recorded below.

Notes:

No special conditions were noted during the processing and testing of the sample.

Report: Evaluation Detail



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Moisture Analysis		Evaluation Detail		
Product Name:	KLR_#1	Moisture Analysis	Tested Value (Moisture %)	LOQ (%)
Analysis Date:	2019-09-26		6.21 %	0.1 %

Cannabinoid Potency Analysis		Evaluation Detail					
Product Name:	KLR_#1	Cannabinoid Potency Analysis	Compound	Abv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date:	2019-09-26	Delta-9-THC	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.1 %
		0.00	Delta-9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.1 %
		0 mg/g	Cannabidiolic acid	CBDA	2.67	26.7	0.1 %
			Cannabidiol	CBD	0.23	2.3	0.1 %
		Total CBD *	Cannabinol	CBN	< LOQ	< LOQ	0.1 %
		2.58 %	Cannabidivarin	CBDV	< LOQ	< LOQ	0.1 %
		25.8 mg/g					

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

Report: Quality Check



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Moisture Analysis

Analysis Date: 2019-09-26

Quality Control Detail

Moisture Analysis	Negative Control	Positive Control	Expected Value (%)	Tested Value (%)	Pass Criteria
	○		0.0%	1.1%	± 2.5%
		●	100.0%	100.8%	± 2.5%

Cannabinoid Potency Analysis

Analysis Date: 2019-09-26

Quality Control Detail

Cannabinoid Potency Analysis	Negative Control (P-BL)	Positive Control (LCS)	Expected Value (%)	Tested Value (%)	Pass Criteria
Tetrahydro-cannabinolic acid	○		< 0.1%	< 0.1%	< 0.1%
Delta9 Tetrahydro-cannabinol	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiolic acid	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiol	○		< 0.1%	< 0.1%	< 0.1%
Cannabinol	○		< 0.1%	< 0.1%	< 0.1%
Tetrahydro-cannabinolic acid		●	100.0%	99.1%	80%-120%
Delta9 Tetrahydro-cannabinol		●	100.0%	95.0%	80%-120%
Cannabidiolic acid		●	100.0%	93.4%	80%-120%
Cannabidiol		●	100.0%	94.9%	80%-120%
Cannabinol		●	100.0%	97.8%	80%-120%

Definitions

- PQL: Practical Quantitation Limit, this is the smallest amount the analyte can be measured at without estimation.
- Blank: A quality control sample that is free of the analyte being measured.
- Positive Control: A quality control sample with a known amount of the analyte used to demonstrate accuracy. The result is often expressed as a percent recovery.
- Field Duplicate: A second sample collected in the field using the same sampling method as the primary sample. The purpose is to demonstrate that the batch sampled is uniform.
- Action Limit: Analyte levels set by the state of Oregon indicating that follow-up action is necessary.
- Accreditation Status: Indication that the methodology, calibration, and laboratory QC used by PREE Laboratory for an analyte has been evaluated by a third-party auditor and determined to be accurate, precise, and selective.
- ppm: parts per million, equivalent to mg/g and mg/L.
- % Rec.: Percentage Recovery = $[(\text{Amount measured}) / (\text{Known amount})] * 100$
- ND: The sample result is less than the PQL.

Calculations

- Cannabinoid Potency :
Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100
Total THC% = (%THCA) x 0.877 + (%THC)
Total CBD% = (%CBDA) x 0.877 + (%CBD)
Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]