

# Report: Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com



## Product Description

Client: **Rocky Bottom Pharm**

Product Name: **Plum Purple Lifter**

Matrix: **Qualifying Hemp**

Metrc ID: **n/a**

Lot Number: **0**

License Number: **n/a**

Date Collected: **2018-10-17**

Date Received: **2018-10-17**

Report Date: **2018-10-19**

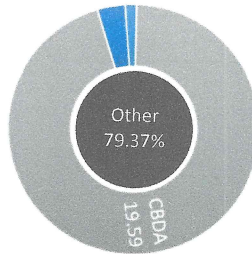
Tests Requested: **Moisture Analysis**  
**Cannabinoid Potency Analysis**

## Evaluation Summary

Moisture Analysis | Tested Value

**8.82 %**

Cannabinoid Potency Analysis |



Compound	Abrv.	Dry Wt. %
Tetrahydro-cannabinolic acid	THCA	0.73 %
Delta9 Tetrahydro-cannabinol	THC	0.00 %
Cannabidiolic acid	CBDA	19.59 %
Cannabidiol	CBD	0.31 %
Cannabinol	CBN	0.00 %
Cannabidivarin	CBDV	0.00 %

**Delta-9-THC** **0.00 %**

**Total CBD \*** **17.49 %**

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

Notes: The sample was collected by the client and PREE laboratory cannot guarantee the sample complies with ORELAP sampling requirements. R&D sample results may not be used for compliance purposes.

Licencing Status - Pending

PREE Laboratories has been inspected by OLCC & is awaiting licencing

# Report: Dear Customer



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545 SW 2nd Street, Corvallis OR. 97333 | 541.257.5002 | [services@preelab.com](mailto:services@preelab.com) | [Preelab.com](http://Preelab.com)

***Dear Rocky Bottom Pharm,***

PREE Laboratory received samples on 2018-10-17, which were collected on 2018-10-17 by Rocky Bottom Pharm. 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](mailto:services@preelab.com).

A handwritten signature in black ink, appearing to read "Tamjid Sardar".

Sardar, Tamjid | Laboratory Director  
Corvallis, Oregon

Licensing Status - Pending

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# Report: Case Narrative

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## **Case Narrative**

This report presents the results of the analyses of the sample received on 2018-10-17 and assigned the Laboratory Number of - P390-27. 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:**

The sample was collected by the client and PREE laboratory cannot guarantee the sample complies with ORELAP sampling requirements. R&D sample results may not be used for compliance purposes.

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# Report: Evaluation Detail

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## Moisture Analysis

Product Name: **Plum Purple Lifter**

Testing Date: 2018-10-18

Technician ID: Malcolm, D.

Analysis Date: 2018-10-18

Analyst ID: Malcolm, D.

Review Date: 2018-10-19

Reviewer ID: Sardar, T.

## Evaluation Detail

Moisture Analysis	Tested Value (Moisture %)	LOQ (Moisture %)
	8.82 %	0.01 %

## Cannabinoid Potency Analysis

Product Name: **Plum Purple Lifter**

Testing Date: 2018-10-18

Technician ID: Malcolm, D.

Analysis Date: 2018-10-18

Analyst ID: Malcolm, D.

Review Date: 2018-10-19

Reviewer ID: Sardar, T.

## Evaluation Detail

Cannabinoid Potency Analysis	Compound	Abbr.	Dry Wt. (%)	LOQ (%)
	Tetrahydro-cannabinolic acid	THCA	0.73 %	0.1%
	Delta9 Tetrahydro-cannabinol	THC	0.00 %	0.1%
	Cannabidiolic acid	CBDA	19.59 %	0.1%
	Cannabidiol	CBD	0.31 %	0.1%
	Cannabinol	CBN	0.00 %	0.1%
	Cannabidivarin	CBDV	0.00 %	0.1%
		<b>Delta-9-THC</b>		<b>0.00</b>
		<b>Total CBD *</b>		<b>17.49</b>

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

Licensing Status - Pending

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# Report: Definition

## 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 =  $[(\text{Amount measured}) / (\text{Known amount})] \times 100$
- ND: The sample result is less than the PQL.

## Calculations

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