Report: COA Evaluation Summary

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

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Product Description

Product Name: **White Fire D8 Flower**

Matrix: Hemp Plant
Metrc Source ID: n/a
Metrc Package ID: n/a
License Number: n/a
Date Collected: 2021-01-15
Date Received: 2021-01-15
Report Date: 2021-01-18
Report ID: A2910-02
Tests Requested: Moisture Analysis
Cannabinoid Potency Analysis

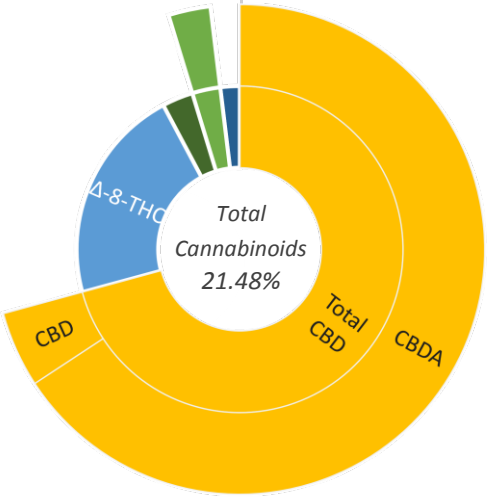
White Fire D8 Flower

Evaluation Summary

Moisture Analysis	Tested Value (%)
	7.52 %

Total THC *
0.52 %
5.2 mg/g

Total CBD *
13.46 %
134.6 mg/g



Cannabinoid Potency Analysis	Abrv.	Dry Wt. %	Dry Wt. mg/g
	THCA	0.60 %	6.0 mg/g
	Δ-9-THC	< LOQ	< LOQ
	Δ-8-THC	4.61 %	46.1 mg/g
	THCV	< LOQ	< LOQ
	CBDA	14.13 %	141.3 mg/g
	CBD	1.07 %	10.7 mg/g
	CBGA	0.66 %	6.6 mg/g
	CBG	0.41 %	4.1 mg/g
	CBDVA	< LOQ	< LOQ
	CBDV	< LOQ	< LOQ
	CBN	< LOQ	< LOQ
	CBL	< LOQ	< LOQ
	CBC	< LOQ	< LOQ

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

This report presents the analytical findings for the sample collected on 2021-01-15 by Emilie Hoss and received by PREE Laboratory on 2021-01-15. The sample was assigned a laboratory ID of A2910-02. The results in this report only apply to sample A2910-02.

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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.

All analyses were performed in accordance with PREE Laboratory's NELAP/TNI approved quality control system and all quality control data was within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report. General comments are also recorded below.

Notes:

R&D sample results may not be used for compliance purposes.

Sardar, Tamzid M. | Laboratory Director
Corvallis, Oregon

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

Report: Evaluation Detail

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Moisture Analysis

Product Name: **White Fire D8 Flower**

Analysis Date: 2021-01-15

Testing Batch ID: V1039

Testing Method: *LSOP #301 Moisture Analysis*

Evaluation Detail

Moisture Analysis	Tested Value (Moisture %)	LOQ (%)
	7.52 %	0.01 %

Cannabinoid Potency Analysis

Product Name: **White Fire D8 Flower**

Analysis Date: 2021-01-15

Testing Batch ID: V1039

Testing Method: *LSOP #303 Cannabinoid Quantification*

Evaluation Detail

Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *	Tetrahydro-cannabinolic acid	THCA	0.60 %	6.0	0.1 %
0.52 %	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.1 %
5.2 mg/g	Delta8 Tetrahydro-cannabinol	Δ-8-THC	4.61 %	46.1	0.1 %
	Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.1 %
Total CBD *	Cannabidiolic acid	CBDA	14.13 %	141.3	0.1 %
13.46 %	Cannabidiol	CBD	1.07 %	10.7	0.1 %
134.6 mg/g	Cannabigerolic acid	CBGA	0.66 %	6.6	0.1 %
	Cannabigerol	CBG	0.41 %	4.1	0.1 %
	Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.1 %
	Cannabidivarin	CBDV	< LOQ	< LOQ	0.1 %
	Cannabinol	CBN	< LOQ	< LOQ	0.1 %
	Cannabicyclol	CBL	< LOQ	< LOQ	0.1 %
	Cannabichromene	CBC	< LOQ	< LOQ	0.1 %

Note: Accreditation for Δ-8-THC, THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.

* 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: 2021-01-15

Testing Batch ID: V1039

Quality Control Detail

Moisture Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
	○		0.0%	1.0%	± 2.5%
		●	100.0%	101.0%	± 2.5%

Cannabinoid Potency Analysis

Analysis Date: 2021-01-15

Testing Batch ID: V1039

Quality Control Detail

Cannabinoid Potency Analysis	MB	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%
Tetrahydro-cannabinolic acid		●	100.0%	No Data	80-120%
Delta9 Tetrahydro-cannabinol		●	100.0%	No Data	80-120%
Cannabidiolic acid		●	100.0%	No Data	80-120%
Cannabidiol		●	100.0%	No Data	80-120%

Note: Accreditation for Δ-8-THC, THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.

Definitions

- Limit of Quantitation (LOQ): The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB): A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS): A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate: A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit: Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm: parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L
- COA: Certificate of Analysis.

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)]

- Percentage Recovery :

  % Rec. = [(Amount measured) / (Known amount)] * 100