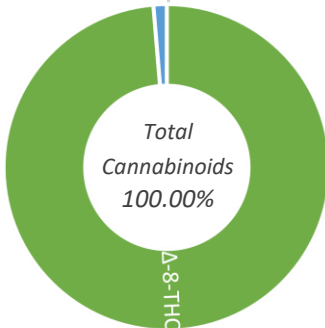


Report: COA Evaluation Summary

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		Evaluation Summary							
Client:	3Chi	Moisture Analysis		Test Not Required					
Product Name:	3chi Oil								
Process Lot:	211001-3C								
Matrix:	Hemp Concentrate								
Metrc Source ID:	n/a								
Metrc Package ID:	n/a								
License Number:	18_0235								
Date Collected:	2021-10-07								
Date Received:	2021-10-07								
Report Date:	2021-10-12								
Report ID:	A4815-01								
Tests Requested:	Cannabinoid Potency Analysis								
		Cannabinoid Potency Analysis		Abrv.	Dry Wt. %	Dry Wt. mg/g			
		Total THC *	Total CBD *	THCA	< LOQ	< LOQ			
				Δ-9-THC	< LOQ	< LOQ			
		0.00 %	0.00 %	Δ-8-THC	100.00 % (A)	1000.0 mg/g			
				THCV	< LOQ	< LOQ			
		0.0 mg/g	0.0 mg/g	CBDA	< LOQ	< LOQ			
				CBD	< LOQ	< LOQ			
				CBGA	< LOQ	< LOQ			
				CBG	< LOQ	< LOQ			
				CBDVA	< LOQ	< LOQ			
				CBDV	< LOQ	< LOQ			
				CBN	1.35 %	13.5 mg/g			
				CBL	< LOQ	< LOQ			
				CBC	< LOQ	< LOQ			

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

Report: Case Narrative

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This certificate of analysis is prepared for...

3Chi

Carmel, IN 46032

This report presents the analytical findings for the sample collected on 2021-10-07 by Michael Ottman and received by PREE Laboratory on 2021-10-07. The sample was assigned a laboratory ID of A4815-01. The results in this report only apply to sample A4815-01.

This report shall not be reproduced, except in full, without written consent of PREE Laboratory. Report alterations by any other entity beside PREE Laboratory are not allowed. If alterations are made to the original report after the initial release, they will be noted on the case narrative below.

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:

The Oregon Department of Agriculture requires hemp products to not contain more than 0.35% total THC, per OAR 603-048. The tested Total Cannabinoid concentration was found to be adjusted to 101.61 %. This is within the method uncertainty and, as a result, the reported concentration was adjusted to 100.00%.

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



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.

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Moisture Analysis	Evaluation Detail						
	Moisture Analysis		Test Not Requested/Required				
Cannabinoid Potency Analysis	Evaluation Detail						
Product Name:	3chi Oil	Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date:	2021-10-10	Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.2 %
Testing Batch ID:	V1832,1831,1824,1823,1820,1799	0.00 %	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.2 %
		0.0 mg/g	Delta8 Tetrahydro-cannabinol	Δ-8-THC	100.00 % (A)	1000.0	0.2 %
Testing Method:	LSOP #303 Cannabinoid Quantification		Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.2 %
		Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.2 %
		0.00 %	Cannabidiol	CBD	< LOQ	< LOQ	0.2 %
		0.0 mg/g	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.2 %
			Cannabigerol	CBG	< LOQ	< LOQ	0.2 %
			Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.2 %
			Cannabidivarin	CBDV	< LOQ	< LOQ	0.2 %
			Cannabinol	CBN	1.35 %	13.5	0.2 %
			Cannabicyclol	CBL	< LOQ	< LOQ	0.2 %
			Cannabichromene	CBC	< LOQ	< LOQ	0.2 %
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

Moisture Analysis	Quality Control Detail					
	Moisture Analysis					
	Test Not Requested/Required					
Cannabinoid Potency Analysis Analysis Date: 2021-10-10 Testing Batch ID: V1832,1831,1824,1823,1820,1799	Quality Control Detail					
	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%) Pass Criteria
	Tetrahydro-cannabinolic acid		○		< 0.1%	Not Used < 0.1%
	Delta9 Tetrahydro-cannabinol		○		< 0.1%	Not Used < 0.1%
	Cannabidiolic acid		○		< 0.1%	Not Used < 0.1%
	Cannabidiol		○		< 0.1%	Not Used < 0.1%
	Tetrahydro-cannabinolic acid			●	100.0%	95.0% 80-120%
	Delta9 Tetrahydro-cannabinol			●	100.0%	107.1% 80-120%
	Cannabidiolic acid			●	100.0%	93.5% 80-120%
	Cannabidiol			●	100.0%	107.2% 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.
- Report Flag (A) : Compound tested over 100% or 1000 mg/g. The test result is within the method uncertainty and instrument result is not above the upper limit of quantitation. Value will be adjusted down to 100% or 1000 mg/kg in the reporting process.
- Report Flag (B) : Blank contamination - The analyte was detected above one-half the reporting limit in an associated blank.
- Report Flag (E) : Compound tested above the upper limit of quantitation.
- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

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

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.