PROVERDE LABORATORIES

Test Certificate

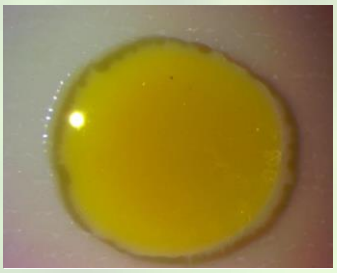
Certificate ID: **29794** Date Received: **4/19/2018**

Client Sample ID: **0264 CLX**

Lot Number:

Matrix: **Tincture - Hemp Oil**

Authorization:	Signature:	Date:
Matthew Silva, Chemical Engineer		4/30/2018



PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2005. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

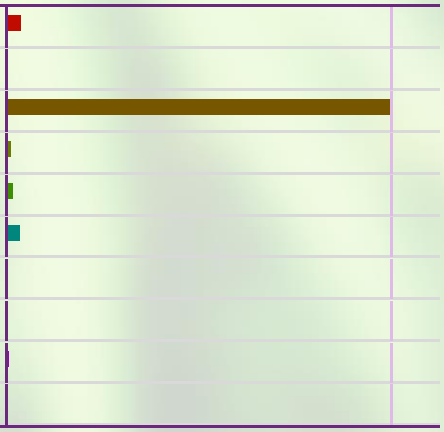
CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: RAS *Test Date: 4/30/2018*

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

29794-CN

ID	Weight %	Conc.
Δ9-THC	0.18 wt %	1.67 mg/mL
THCV	ND	ND
CBD	4.87 wt %	46.40 mg/mL
CBDV	0.06 wt %	0.54 mg/mL
CBG	0.08 wt %	0.79 mg/mL
CBC	0.17 wt %	1.64 mg/mL
CBN	0.01 wt %	0.14 mg/mL
THCA	ND	ND
CBDA	0.02 wt %	0.21 mg/mL
CBGA	ND	ND
Total	5.40 wt%	51.39 mg/mL
Max THC	0.18 wt%	1.67 mg/mL
Max CBD	4.89 wt%	46.59 mg/mL



Ratio of Total CBD to THC 27.2:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. ND = None detected above the limits of detection (LLD)

MY: Mycotoxin Testing [WI-10-05] *Analyst: AR* *Test Date: 4/24/2018*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

29794-MY

Test ID	Date	Results	MDL	Limits	Status*
Total Aflatoxin	4/24/2018	< MDL	3 ppb	< 20 ppb	PASS
Total Ochratoxin	4/24/2018	2.7	2 ppb	< 20 ppb	PASS

PST: Pesticide Analysis [WI-10-11] *Analyst: KSB* *Test Date: 4/26/2018*

The client sample was anlayzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

29794-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	20	PASS
Azoxystrobin	131860-33-8	ND	ppb	0.10	10	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	100	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	10	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	10	*
Daminozide	1596-84-5	ND	ppb	10.00	10	PASS
Dichlorvos	62-73-7	ND	ppb	3.00	20	*
Etoxazole	153233-91-1	ND	ppb	0.10	100	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	20	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	20	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	3	ppb	0.10	3000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.1	500	PASS
Spinosad	168316-95-8	ND	ppb	0.1	100	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	100	PASS
Spirotetramat	203313-25-1	1	ppb	0.10	100	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	100	PASS

* Testing limits established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

END OF REPORT