PROVERDE LABORATORIES

Certificate of Analysis

Certificate ID: **124053** Received: **4/2/24**

Client Sample ID: **Blueberry Lavender**

Lot Number: **BL55A0-001**

Matrix: **Beverages-Carbonated Water**

Scan QR Code for authenticity

Field Day Brewing Company
925 Liberty Way
North Liberty, IA 52317

Authorization:	Signature:	Date:
Chris Hudalla, Chief Science Officer	Christopher Hudalla	4/5/2024

PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. 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.

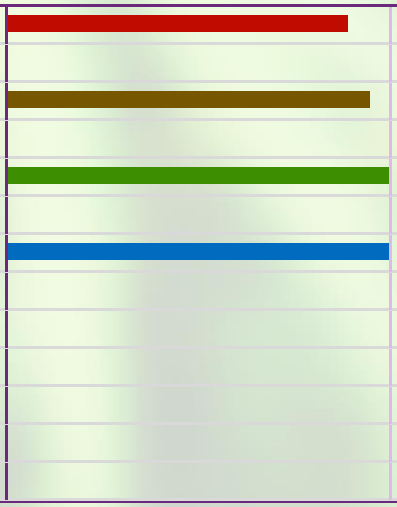
CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: SD *Test Date: 4/2/2024*

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

124053-CN

ID	Weight %	Concentration (mg/355mL)
Δ9-THC	0.00145	5.26
THCV	ND	ND
CBD	0.00154	5.59
CBDV	ND	ND
CBG	0.00163	5.91
CBC	ND	ND
CBN	0.00162	5.88
THCA	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBDVA	ND	ND
Δ8-THC	ND	ND
exo-THC	ND	ND
Total	0.00624	22.6
Total THC	0.00145	5.26
Total CBD	0.00154	5.59



Limit of Quantitation (LOQ) = 0.00020 wt%
Limit of Detection (LOD) = 0.00007 wt%

Ratio of Total CBD to THC 1.1:1

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. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

HM: Heavy Metal Analysis [WI-10-13]

Analyst: CJS *Test Date: 4/4/2024*

This sample was analyzed by elemental analysis using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for the identification of heavy metal constituents. External calibration curves for heavy metals were used for quantitation, with an additional internal reference standard. Resulting data was compared with a sample blank. 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.

124053-HM

Symbol	Metal	Conc.[1] (mg/kg)	RL	Use Limits [3] (mg/kg)	Status
As	Arsenic	ND	0.0500	1.50	PASS
Cd	Cadmium	ND	0.0500	0.500	PASS
Hg	Mercury	ND	0.0500	1.50	PASS
Pb	Lead	ND	0.0500	1.00	PASS

1) ND = None detected above the indicated Reporting Limit (RL)
2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.
3) USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

MY: Mycotoxin Testing [WI-10-40]

Analyst: KM *Test Date: 4/3/2024*

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.

124053-MY

Test ID	Date	Results	MDL	Limits	Status*
Total Aflatoxin	4/3/2024	< MDL	2 ppb	< 20 ppb	PASS
Total Ochratoxin	4/3/2024	< MDL	3 ppb	< 20 ppb	PASS

PST: Pesticide Analysis [WI-10-11] *Analyst: KEM* *Test Date: 4/3/2024*

The client sample was analyzed 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).

124053-PST

Analyte	CAS	Result	Units	LOD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	19	10	PASS
Azoxystrobin	131860-33-8	ND	ppb	5	100	PASS
Bifenazate	149877-41-8	ND	ppb	5	100	PASS
Bifenthrin	82657-04-3	ND	ppb	5	3000	PASS
Cyfluthrin	68359-37-5	ND	ppb	100	2000	PASS
Dichlorvos	62-73-7	ND	ppb	50	10	PASS
Etoxazole	153233-91-1	ND	ppb	5	100	PASS
Fenoxycarb	72490-01-8	ND	ppb	5	10	PASS
Imazalil	35554-44-0	ND	ppb	50	10	PASS
Imidacloprid	138261-41-3	ND	ppb	5	5000	PASS
Myclobutanil	88671-89-0	ND	ppb	5	100	PASS
Paclobutrazol	76738-62-0	ND	ppb	5	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	5	3000	PASS
Pyrethrin	8003-34-7	ND	ppb	9	10	PASS
Spinosad	168316-95-8	ND	ppb	3	10	PASS
Spiromesifen	283594-90-1	ND	ppb	5	100	PASS
Spirotetramat	203313-25-1	ND	ppb	5	100	PASS
Trifloxystrobin	141517-21-7	ND	ppb	5	100	PASS

* Pesticide results reported against action limits established by the State of California Bureau of Cannabis Control, California Code of Regulations Title 16, Division 42. ND indicates "none detected" above the limit of detection (LOD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample due to matrix interference.

END OF REPORT