Be Best Organics, LLC

PO Box 2701
Big Fork, MT 59911
info@bebestorganics.com
(303) 881-4488
Lic. #

Sample: 2109FID2899.19672

Strain: hemp
Batch #: A; Lot #:
METRC Batch: ; METRC Sample:
Analysis Initiated: 09/28/2021; Report Created: 10/07/2021
Sampling SOP: SOP-0050

PET 750

Concentrates & Extracts, Other, Alcohol
Harvest/Production Date:

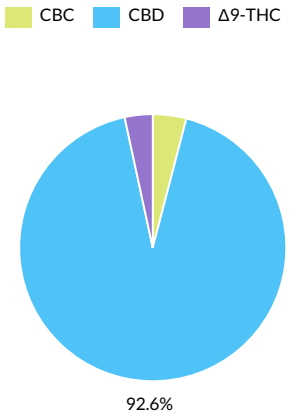
25.39 mg/unit Total Potential Psychoactive THC	**694.19 mg/unit** Total CBD	**Pass** Foreign Matter	
25.39 mg/unit Total Raw THC	**750.02 mg/unit** Total Cannabinoids	**Complete** *NR* Moisture	

Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 09082021

Analyte	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
THCa	24.12	ND	ND
Δ9-THC	24.12	25.39	0.91
Δ8-THC	24.12	ND	ND
THCV	24.12	<LOQ	<LOQ
CBDa	24.12	<LOQ	<LOQ
CBD	24.12	694.19	24.75
CBN	24.12	ND	ND
CBGa	24.12	ND	ND
CBG	24.12	<LOQ	<LOQ
CBC	24.12	30.44	1.09
Total		**750.02**	**26.74**



Total Potential Psychoactive THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD
LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected; PPM = Parts per Million; PPB = Parts per Billion; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
SOP-0037; Full spectrum cannabinoid analysis utilizing Shimadzu Prominence High Performance Liquid Chromatography with UV detection (HPLC-UV).
SOP-0035; Foreign matter inspection includes but is not limited to hair, insects, stems, and feces. Filth is inspected using a M16-209 stereoscope. Stem measurements are performed using fisher calipers.
SOP-0036; Moisture analysis is performed using a Shimadzu moisture analyzer MOC63u UL.

Fidelity Diagnostics Laboratory
216 Trade St.
Missoula, MT 59808
(406) 926-2211
http://www.fidimt.com
License # L-00002

Accredited to ISO/IEC 17025:2017
Accreditation #: 102722

Andre Umansky
Laboratory Director

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Terpenes

Analytical Calibration Batch:

Analyte	LOQ	Mass	Mass

Primary Aromas

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Concentrates & Extracts, Other, Alcohol
Harvest/Production Date:

Residual Solvents

Pass

Analytical Calibration Batch: R.S. 09212021

Analyte	LOQ	State Limits	Mass	Status
	PPM	PPM	PPM	
Acetone	400	5000	ND	Pass
Benzene	2	2	ND	Pass
Butanes	40	5000	ND	Pass
Chloroform	2	2	ND	Pass
Cyclohexane	20	3880	ND	Pass
Dichloromethane	20	5000	ND	Pass
Ethyl-Acetate	20	5000	ND	Pass
Heptanes	20	5000	ND	Pass

Analyte	LOQ	State Limits	Mass	Status
	PPM	PPM	PPM	
Hexanes	20	290	ND	Pass
Isopropanol	400	5000	ND	Pass
Methanol	400	3000	ND	Pass
Pentanes	20	5000	ND	Pass
Propane	40	5000	ND	Pass
Toluene	20	890	ND	Pass
Xylenes	20	2170	ND	Pass

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
SOP-0056; A wide spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 09/10/2021

Analyte	LOQ	State Limit	Mass	Status
	PPB	PPB	PPB	
Ochratoxin A	12	20	ND	Pass
Total Aflatoxins	20	20	ND	Pass

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0048; Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aerobic Bacteria	100000	NR	NT
Bile-Tolerant Gram-Negative Bacteria	10000	NR	NT
E. Coli	1	ND	Pass
Mold	10000	ND	Pass
Salmonella		ND	Pass

LOQ = Limit of Quantitation; TNC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
SOP-0057: Mold, E.Coli, and Salmonela analysis on AriaDX qPCR using Medicinal Genomics validated methods.
SOP-0061: Mold enumeration using Hardy Diagnostics media.

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Harvest/Production Date:

Pesticides

Pass

Analytical Calibration Batch: 09/10/2021

Analyte	LOQ	State Limit	Expanded Limit	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.30	2.5	2.5	ND	Pass
Acequinocyl	0.30	10	10	ND	Pass
Bifenazate	0.30	1	1	ND	Pass
Bifenthrin	0.30	1	1	ND	Pass
Chlormequat	0.30	5	5	ND	Pass
Cyfluthrin	0.30	5	5	ND	Pass
Daminozide	0.30	5	5	ND	Pass
Etoxazole	0.30	1	1	ND	Pass
Fenoxycarb	0.30	1	1	ND	Pass
Imazalil	0.30	1	1	ND	Pass
Imidacloprid	0.30	2	2	ND	Pass
Myclobutanil	0.30	0.6	0.6	ND	Pass
Paclobutrazol	0.30	2	2	ND	Pass
Pyrethrins	0.30	5	5	ND	Pass
Spinosad	0.30	1	1	ND	Pass
Spirotetramat	0.30	1	1	ND	Pass
Trifloxystrobin	0.30	1	1	ND	Pass

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