

HC210801

Sample ID: 2108PSI0247.09980
Strain: N/A
Matrix: Topical
Type: Lotion

METRC Batch ID:
METRC Sample:

Produced:
Date Received: 08/23/2021
Completed: 08/26/2021
Sample Size: - ; Batch: -

Arbor Botanicals
Lic. #
605 S Maple
Ann Arbor, MI 48103

Cannabinoids

35.24 **1918.41**

Δ 9-THC (mg/unit) CBD (mg/unit)

Testing Method: HPLC-DAD / SOP - PSIMTDA
Date Tested: 08/26/2021
1 Unit = 4.05 oz, 113.4g



Analyte	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
THCa	20.85	ND	ND
Δ 9-THC	20.85	35.24	0.31
Δ 8-THC	20.85	66.34	0.59
CBDa	20.85	ND	ND
CBD	20.85	1918.41	16.92
CBN	20.85	ND	ND
Total		2019.99	17.81

Total THC = THCa * 0.877 + Δ 9-THC; Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation, ND = Not Detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

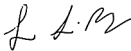
Safety

Foreign Matter

Visual Exam / SOP - PSIMTDF

Pass




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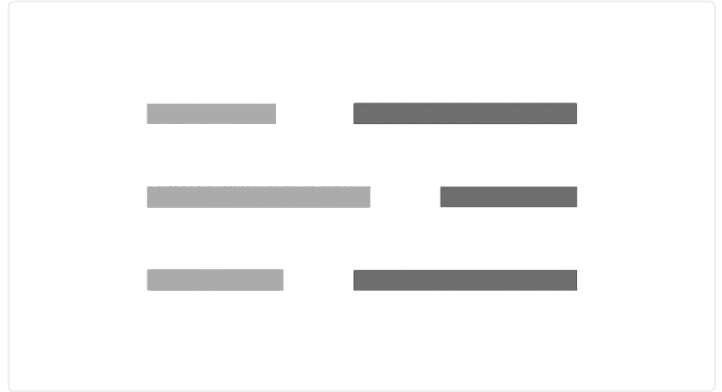
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Foreign Matter

Pass



Notes:

Date Tested:
Testing Method: Visual Exam / SOP - PSIMTDF



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HTF1

Sample ID: 2108PSI0090.09434
Strain: N/A
Matrix: Concentrates & Extracts
Type: Other

METRC Batch ID:
METRC Sample:

Produced:
Date Received: 08/09/2021
Completed: 08/13/2021
Sample Size: - ; Batch: -

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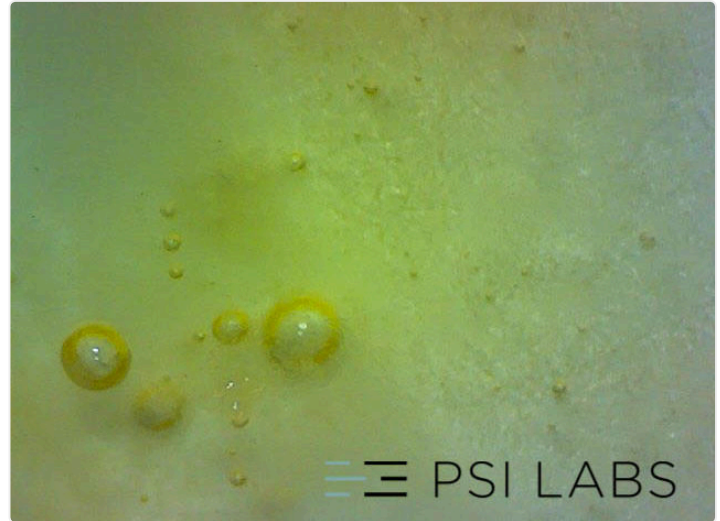
Cannabinoids

2.20%

Total THC

86.81%

Total CBD



Testing Method: HPLC-DAD / SOP - PSIMTDA
Date Tested: 08/12/2021

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	1.73	ND	ND
Δ9-THC	1.73	2.20	22.0
Δ8-THC	1.73	ND	ND
THCVa	2.70	ND	ND
THCV	1.73	ND	ND
CBDa	1.73	ND	ND
CBD	1.73	86.81	868.1
CBDV	2.70	<LOQ	<LOQ
CBN	1.73	ND	ND
CBGa	1.73	ND	ND
CBG	1.73	ND	ND
CBC	1.73	ND	ND

Total **89.01** **890.1**

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation, ND = Not Detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Safety

Residual Solvents	GC-MS / SOP - PSIMTDC	Pass
Pesticides	HPLC-MS/MS / SOP - PSIMTDG	Pass
Heavy Metals	ICP-MS / SOP - PSIMTDH	Pass
Foreign Matter	Visual Exam / SOP - PSIMTDF	Pass



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HTF1

Sample ID: 2108PSI0090.09434
Strain: N/A
Matrix: Concentrates & Extracts
Type: Other

METRC Batch ID:
METRC Sample:

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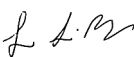
Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.5	0.5	ND	Pass	Hexythiazox	1	1	ND	Pass
Acephate	0.4	0.4	ND	Pass	Imazalil	0.2	0.2	ND	Pass
Acequinocyl	2	2	ND	Pass	Imidacloprid	0.4	0.4	ND	Pass
Acetamiprid	0.2	0.2	ND	Pass	Kresoxim Methyl	0.4	0.4	ND	Pass
Aldicarb	0.4	0.4	ND	Pass	Malathion	0.2	0.2	ND	Pass
Azoxystrobin	0.2	0.2	ND	Pass	Metaxyl	0.2	0.2	ND	Pass
Bifenazate	0.2	0.2	ND	Pass	Methiocarb	0.2	0.2	ND	Pass
Bifenthrin	0.2	0.2	ND	Pass	Methomyl	0.4	0.4	ND	Pass
Boscalid	0.4	0.4	ND	Pass	Methyl Parathion	0.2	0.2	ND	Pass
Carbaryl	0.2	0.2	ND	Pass	MGK-264	0.2	0.2	ND	Pass
Carbofuran	0.2	0.2	ND	Pass	Myclobutanil	0.2	0.2	ND	Pass
Chlorantraniliprole	0.2	0.2	ND	Pass	Naled	0.5	0.5	ND	Pass
Chlorfenapyr	1	1	ND	Pass	Oxamyl	1	1	ND	Pass
Chlorpyrifos	0.2	0.2	ND	Pass	Paclobutrazol	0.4	0.4	ND	Pass
Clofentezine	0.2	0.2	ND	Pass	Permethrins	0.2	0.2	ND	Pass
Cyfluthrin	1	1	ND	Pass	Phosmet	0.2	0.2	ND	Pass
Cypermethrin	1	1	ND	Pass	Prallethrin	0.2	0.2	ND	Pass
Daminozide	1	1	ND	Pass	Propiconazole	0.4	0.4	ND	Pass
Diazinon	0.2	0.2	ND	Pass	Propoxur	0.2	0.2	ND	Pass
Dichlorvos	0.1	0.1	ND	Pass	Pyrethrins	1	1	ND	Pass
Dimethoate	0.2	0.2	ND	Pass	Pyridaben	0.2	0.2	ND	Pass
Ethoprophos	0.2	0.2	ND	Pass	Spinosad	0.2	0.2	ND	Pass
Etofenprox	0.4	0.4	ND	Pass	Spiromesifen	0.2	0.2	ND	Pass
Etoxazole	0.2	0.2	ND	Pass	Spirotetramat	0.2	0.2	ND	Pass
Fenoxycarb	0.2	0.2	ND	Pass	Spiroxamine	0.4	0.4	ND	Pass
Fenpyroximate	0.4	0.4	ND	Pass	Tebuconazole	0.4	0.4	ND	Pass
Fipronil	0.4	0.4	ND	Pass	Thiacloprid	0.2	0.2	ND	Pass
Flonicamid	1	1	ND	Pass	Thiamethoxam	0.2	0.2	ND	Pass
Fludioxonil	0.4	0.4	ND	Pass	Trifloxystrobin	0.2	0.2	ND	Pass

Date Tested: 08/10/2021
Testing Method: HPLC-MS/MS / SOP - PSIMTDP
PPM = Parts Per Million; LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested.
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HTF1

Sample ID: 2108PSI0090.09434
Strain: N/A
Matrix: Concentrates & Extracts
Type: Other

METRC Batch ID:
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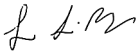
Heavy Metals

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	0.1	0.2	ND	Pass
Cadmium	0.1	0.2	ND	Pass
Chromium	0.1	0.6	<LOQ	Pass
Copper	0.1		ND	Tested
Lead	0.1	0.5	<LOQ	Pass
Mercury	0.05	0.1	<LOQ	Pass
Nickel	0.1	0.5	<LOQ	Pass

Date Tested: 08/11/2021
Testing Method: ICP-MS / SOP - PSIMTDH




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HTF1

Sample ID: 2108PSI0090.09434
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Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Analyte	LOQ PPM	Limit PPM	Mass PPM	Status
TOTAL BUTANES		800	ND	Pass	2-Butanone			NR	NT
<i>n</i> -Butane	4.74		ND	Tested	Ethyl-Acetate	4.74	400	ND	Pass
<i>Isobutane</i>	9.49		ND	Tested	2-Butanol			NR	NT
TOTAL PENTANES		750	ND	Pass	Tetrahydrofuran			NR	NT
<i>Isopentane</i>	4.74		ND	Tested	Chloroform	4.74	2	ND	Pass
<i>n</i> -Pentane	18.98		ND	Tested	Cyclohexane			NR	NT
TOTAL HEXANES		50	ND	Pass	1,2-Dimethoxy-Ethane			NR	NT
2,3-Dimethyl-Butane	4.74		ND	Tested	Benzene	4.74	1	ND	Pass
2-Methyl-Pentane	4.74		ND	Tested	1,2-Dichloro-Ethane	4.74	2	ND	Pass
3-Methyl-Pentane	4.74		ND	Tested	Dichloromethane	4.74	125	ND	Pass
<i>n</i> -Hexane	4.74		ND	Tested	Heptanes	0.47	500	ND	Pass
TOTAL XYLENES		150	ND	Pass	1-Butanol			NR	NT
<i>o</i> -Xylene	4.74		ND	Tested	Trichloroethene	4.74	25	ND	Pass
<i>p</i> & <i>m</i> -Xylene	4.74		ND	Tested	1,4-Dioxane			NR	NT
Ethyl-Benzene			NR	NT	2-Ethoxy-Ethanol			NR	NT
Methanol	2.37	250	ND	Pass	Propane	4.74	2100	ND	Pass
Ethylene Oxide	4.74	5	ND	Pass	Pyridine			NR	NT
Ethanol	4.74	1000	18.41	Pass	Ethylene Glycol			NR	NT
Ethyl-Ether	9.49	500	ND	Pass	Toluene	0.95	150	ND	Pass
Acetone	4.74	750	7.24	Pass	1-Pentanol			NR	NT
2,2-Dimethyl-Butane	4.74		ND	Tested	N,N-Dimethyl-Formamide			NR	NT
Isopropanol	4.74	500	8.34	Pass	Dimethyl Sulfoxide			NR	NT
Acetonitrile	4.74	60	ND	Pass	N,N-Dimethyl-Acetamide			NR	NT
1-Propanol			NR	NT	Cumene			NR	NT
Total Solvents								34.00	

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Type: Other

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Completed: 08/13/2021
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Foreign Matter

Pass



Notes:

Date Tested:
Testing Method: Visual Exam / SOP - PSIMTDF



L. Spivak

Lev Spivak-Birndorf
CSO

