

## RA003

Sample ID: 2101PSI0250.00951  
Strain: N/A  
Matrix: Ingestible  
Type: Tincture

METRC Batch ID:  
METRC Sample:

Produced:  
Date Received: 01/22/2021  
Completed: 01/26/2021  
Sample Size: - ; Batch: -

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

### Cannabinoids



**40.13**      **498.10**

$\Delta$ 9-THC (mg/unit)      CBD (mg/unit)

Testing Method: HPLC-DAD / SOP - PSIMTDA  
Date Tested: 01/26/2021  
1 Unit = 1 vial, 27.96g



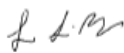
Analyte	LOQ mg/unit	Mass mg/unit	Mass mg/g
THCa	4.85	ND	ND
$\Delta$ 9-THC	4.85	40.13	1.44
$\Delta$ 8-THC	4.85	ND	ND
CBDa	4.85	ND	ND
CBD	4.85	498.10	17.81
CBN	4.85	ND	ND
<b>Total</b>		<b>538.23</b>	<b>19.25</b>

Total THC = THCa \* 0.877 +  $\Delta$ 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**



  
Lev Spivak-Birndorf  
CSO



RA003

Sample ID: 2101PSI0250.00951  
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Type: Tincture

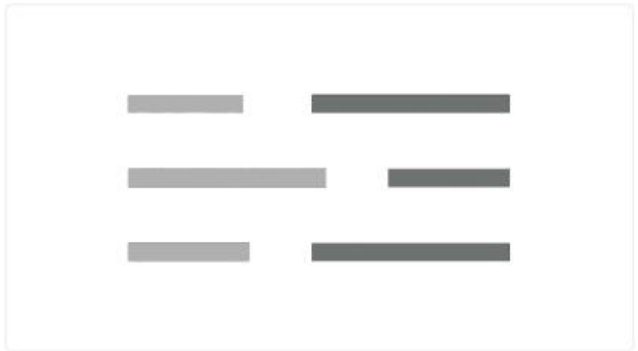
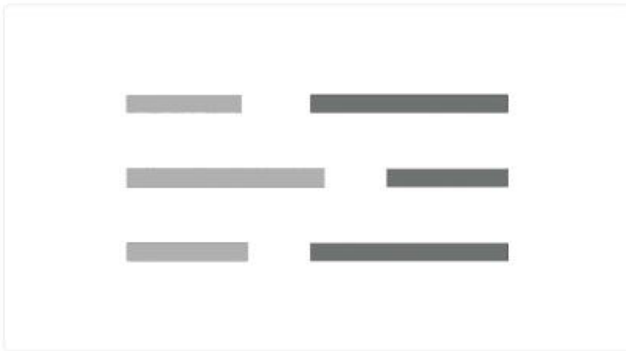
METRC Batch ID:  
METRC Sample:

Produced:  
Date Received: 01/22/2021  
Completed: 01/26/2021  
Sample Size: - ; Batch: -

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

Foreign Matter

Pass



Notes:

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



*L. Spivak*  
Lev Spivak-Birndorf  
CSO



This product has been tested by PSI Labs using valid testing methodologies in compliance with state law. Values reported relate only to the product tested. PSI Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced, except in full, without the written approval of PSI Labs.

## RRSP - Microbes

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000089413
<b>Reported:</b>	10-Aug-2020	<b>Method:</b>	Concentrate - Test Methods: TM05, TM06
<b>Type:</b>	Concentrate		
<b>Test:</b>	Microbial Contaminants		

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b><i>E. coli</i></b>	None Detected
<b><i>Salmonella</i></b>	None Detected

\* CFU/g = Colony Forming Unit per Gram

\*\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU



## NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

## FINAL APPROVAL

  
Sarah Henning  
10-Aug-2020  
3:17 PM  
Ben Minton  
10-Aug-2020  
7:43 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03



Certificate #4329.03

**RRSP - Contam**

<b>Batch ID:</b>		<b>Test ID:</b>	8451582.0019
<b>Reported:</b>	10-Aug-2020	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		


**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2646	ND*	Malathion	314 - 2646	ND*
Acetamiprid	43 - 2646	ND*	Metalaxyl	44 - 2646	ND*
Abamectin	>314	ND*	Methiocarb	41 - 2646	ND*
Azoxystrobin	46 - 2646	ND*	Methomyl	41 - 2646	ND*
Bifenazate	40 - 2646	ND*	MGK 264 1	180 - 2646	ND*
Boscalid	44 - 2646	ND*	MGK 264 2	107 - 2646	ND*
Carbaryl	45 - 2646	ND*	Myclobutanil	47 - 2646	ND*
Carbofuran	44 - 2646	ND*	Naled	52 - 2646	ND*
Chlorantraniliprole	53 - 2646	ND*	Oxamyl	40 - 2646	ND*
Chlorpyrifos	50 - 2646	ND*	Paclobutrazol	46 - 2646	ND*
Clofentezine	305 - 2646	ND*	Permethrin	295 - 2646	ND*
Diazinon	305 - 2646	ND*	Phosmet	43 - 2646	ND*
Dichlorvos	>290	ND*	Prophos	300 - 2646	ND*
Dimethoate	41 - 2646	ND*	Propoxur	42 - 2646	ND*
E-Fenpyroximate	292 - 2646	ND*	Pyridaben	301 - 2646	ND*
Etofenprox	44 - 2646	ND*	Spinosad A	31 - 2646	ND*
Etoxazole	311 - 2646	ND*	Spinosad D	84 - 2646	ND*
Fenoxycarb	>46	ND*	Spiromesifen	>285	ND*
Fipronil	44 - 2646	ND*	Spirotetramat	>305	ND*
Flonicamid	40 - 2646	ND*	Spiroxamine 1	19 - 2646	ND*
Fludioxonil	>308	ND*	Spiroxamine 2	24 - 2646	ND*
Hexythiazox	46 - 2646	ND*	Tebuconazole	302 - 2646	ND*
Imazalil	286 - 2646	ND*	Thiacloprid	42 - 2646	ND*
Imidacloprid	43 - 2646	ND*	Thiamethoxam	43 - 2646	ND*
Kresoxim-methyl	45 - 2646	ND*	Trifloxystrobin	45 - 2646	ND*

\* ND = None Detected (Defined by Dynamic Range of the method)

N/A

**FINAL APPROVAL**

  
 Tyler Wiese  
 10-Aug-2020  
 4:58 PM  
 PREPARED BY / DATE

  
 Ben Minton  
 10-Aug-2020  
 6:18 PM  
 APPROVED BY / DATE

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**RRSP - Contam**

<b>Batch ID:</b>		<b>Test ID:</b>	T000089414
<b>Reported:</b>	10-Aug-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	89 - 1778	*ND
<b>Butanes</b> (Isobutane, n-Butane)	169 - 3374	*ND
<b>Methanol</b>	59 - 1176	*ND
<b>Pentane</b>	89 - 1778	*ND
<b>Ethanol</b>	82 - 1647	*ND
<b>Acetone</b>	97 - 1947	*ND
<b>Isopropyl Alcohol</b>	102 - 2030	*ND
<b>Hexane</b>	6 - 121	*ND
<b>Ethyl Acetate</b>	97 - 1949	*ND
<b>Benzene</b>	0.2 - 3.9	*ND
<b>Heptanes</b>	93 - 1855	*ND
<b>Toluene</b>	18 - 358	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	131 - 2617	*ND


\* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:  
N/A

**FINAL APPROVAL**

  
 Ryan Weems  
 10-Aug-2020  
 3:24 PM

PREPARED BY / DATE

  
 Ben Minton  
 10-Aug-2020  
 5:55 PM

APPROVED BY / DATE

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Certificate #4329.02

## RRSP - Contam


<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000089416
<b>Reported:</b>	10-Aug-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.082 - 8.19	ND
Cadmium	0.086 - 8.58	ND
Mercury	0.080 - 7.97	ND
Lead	0.087 - 8.69	ND


\* ND = None Detected (Defined by Dynamic Range of the method)

## FINAL APPROVAL



Ryan Weems  
10-Aug-2020  
4:48 PM

PREPARED BY / DATE



Ben Minton  
10-Aug-2020  
7:08 PM

APPROVED BY / DATE

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