

Prepared for:

**MFOR-006-KP-1**
**Forgotten Trails CBD**

Batch ID or Lot Number: <b>JP022222T1</b>	Test: <b>Potency</b>	Reported: <b>3/4/22</b>	Location: 710 Artisan Way Suite B Dayton, WA 99328
Matrix: Concentrate	Test ID: T000195633	Started: 3/3/22	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 03/01/2022 @ 10:33 AM	Sampler ID: N/A

## CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.008	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	ND	ND	
Cannabidiolic acid (CBDA)	0.018	0.055	ND	ND	
Cannabidiol (CBD)	0.018	0.054	2.712	27.12	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.020	0.058	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.033	ND	ND	
Cannabinol (CBN)	0.005	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.017	0.049	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	0.042	0.42	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabichromene (CBC)	0.007	0.021	ND	ND	
<b>Total Cannabinoids</b>			<b>2.754</b>	<b>27.54</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			2.712	27.12	



 Ryan Weems  
 04-Mar-2022  
 02:00 PM



 Daniel Weidensaul  
 4-Mar-22  
 2:07 PM

PREPARED BY / DATE

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### Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and/or above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCA \* (0.877)) and

Total CBD = CBD + (CBDa \* (0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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.



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Prepared for:

**MFOR-006-KP-1**
**Forgotten Trails CBD**

Batch ID or Lot Number: <b>JP022222T1</b>	Test: <b>Metals</b>	Reported: <b>3/4/22</b>	Location: 710 Artisan Way Suite B Dayton, WA 99328
Matrix: Unit Co	Test ID: T000195635	Started: 3/3/22	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 03/01/2022 @ 10:33 AM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Arsenic</b>	0.044 - 4.45	ND	
<b>Cadmium</b>	0.044 - 4.40	ND	
<b>Mercury</b>	0.044 - 4.40	ND	
<b>Lead</b>	0.043 - 4.26	ND	



 Ryan Weems  
4-Mar-22  
11:35 AM



 Sam Smith  
4-Mar-22  
11:38 AM

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**Definitions**

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

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Prepared for:

**Forgotten Trails CBD**
**MFOR-006-KP-1**

Batch ID or Lot Number: <b>JP022222T1</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>3/4/22</b>	Location: 710 Artisan Way Suite B Dayton, WA 99328
Matrix: Finished Product	Test ID: T000195634	Started: 3/1/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating); Microbial	Received: 03/01/2022 @ 10:33 AM	Sampler ID: N/A

### MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>STEC</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	NA	NA	Absent	



 Jackson Osaghae-Nosa  
 3/4/2022  
 4:41:00 PM



 Brianne Maillot  
 3/4/2022  
 5:12:00 PM

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#### Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

\* 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<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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Prepared for:

**MFOR-006-KP-1**
**Forgotten Trails CBD**

Batch ID or Lot Number: <b>JP022222T1</b>	Test: <b>Mycotoxins</b>	Reported: <b>3/3/22</b>	Location: 710 Artisan Way Suite B Dayton, WA 99328
Matrix: Concentrate	Test ID: T000195636	Started: 3/3/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQ LCMS/MS): Mycotoxins	Received: 03/01/2022 @ 10:33 AM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.7 - 129.5	ND	N/A
Aflatoxin B1	0.9 - 32.3	ND	
Aflatoxin B2	0.9 - 31.9	ND	
Aflatoxin G1	1 - 32.3	ND	
Aflatoxin G2	1.1 - 30.7	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	



 Sam Smith  
 3-Mar-22  
 3:11 PM



 Ryan Weems  
 3-Mar-22  
 3:14 PM

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**Definitions**

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

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Prepared for:

**MFOR-006-KP-1**
**Forgotten Trails CBD**


Batch ID or Lot Number: <b>JP022222T1</b>	Test: <b>Pesticides</b>	Reported: <b>4/13/22</b>	Location: 710 Artisan Way Suite B Dayton, WA 99328
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Matrix: Concentrate	Test ID: T000202392	Started: 4/12/22	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 04/12/2022 @ 11:05 AM	Sampler ID: N/A
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## PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	45	ND	Fenoxycarb	43	ND	Paclobutrazol	44	ND
Acetamiprid	40	ND	Fipronil	71	ND	Permethrin	270	ND
Avermectin	289	ND	Flonicamid	46	ND	Phosmet	44	ND
Azoxystrobin	44	ND	Fludioxonil	276	ND	Prophos	265	ND
Bifenazate	41	ND	Hexythiazox	40	ND	Propoxur	41	ND
Boscalid	39	ND	Imazalil	268	ND	Pyridaben	268	ND
Carbaryl	37	ND	Imidacloprid	47	ND	Spinosad A	34	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	46	ND
Chlorantraniliprole	54	ND	Malathion	283	ND	Spiromesifen	268	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	273	ND
Clofentezine	287	ND	Methiocarb	39	ND	Spiroxamine 1	17	ND
Diazinon	269	ND	Methomyl	42	ND	Spiroxamine 2	23	ND
Dichlorvos	323	ND	MGK 264 1	217	ND	Tebuconazole	264	ND
Dimethoate	39	ND	MGK 264 2	114	ND	Thiacloprid	37	ND
E-Fenpyroximate	277	ND	Myclobutanil	39	ND	Thiamethoxam	37	ND
Etofenprox	40	ND	Naled	45	ND	Trifloxystrobin	44	ND
Etoxazole	281	ND	Oxamyl	1500	ND			

  
 Sam Smith  
 4/13/2022  
 3:53:00 PM

  
 Daniel Weidensaul  
 4/13/2022  
 3:58:00 PM

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### Definitions

LOQ = Limit of Quantification  
 ppb = Parts per Billion

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