

Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424  
WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428



Sample: **OrgCBDIsolate**

#COC/INVOICE: **4440**

Laboratory ID <b>210402-009</b>	Matrix <b>Isolate</b>	Batch ID <b>USDA 2420</b>	Inventory ID
Tested for <b>Forgotten Trails CBD (M-For LLC)</b>		Address <b>710 Artisan way STE. B Dayton, WA 99328</b>	License
Received <b>04/05/2021</b>		Reported <b>05/27/2021</b>	

Analyses executed **CAN, MET, RES, PES, MYC**

CAN - Cannabinoid Profile Analysis

Analyzed **Apr 08, 2021** | Instrument **LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g
CBDV	0.003	0.01	ND	ND
CBDA	0.003	0.01	ND	ND
CBD	0.003	0.01	99.031	990.311
CBGA	0.003	0.01	ND	ND
CBG	0.003	0.01	ND	ND
THCV	0.003	0.01	ND	ND
CBN	0.003	0.01	ND	ND
THCA	0.003	0.01	ND	ND
Δ9 THC	0.003	0.01	ND	ND
Δ8 THC	0.003	0.01	ND	ND
CBC	0.003	0.01	ND	ND
<b>Total THC</b> (THCa * 0.877 + THC)			0.000	0.000
<b>Total CBD</b> (CBDA * 0.877 + CBD)			99.031	990.311

MET - Heavy Metals Detection Analysis

Pass

Analyzed **Apr 07, 2021** | Instrument **ICP-MS**

Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g	Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g
Arsenic (As)	0.21	0.69	ND	10	Cadmium (Cd)	0.08	0.26	ND	4.1
Lead (Pb)	0.21	0.71	ND	6	Mercury (Hg)	0.08	0.27	ND	2

NR Not Reported  
 ND Not Detected  
 <LOD Below Lod  
 NT Not Tested  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 DET Detected below quantitation limit  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count  
 mg/g Milligrams per gram  
 ppm Parts per million  
 WRL Washington Regulatory Limit



Accreditation #91428



Authorized Signature

*Kyle Shelton*

Kyle Shelton  
Lab Manager  
05/27/2021



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# RES - Residual Solvents Analysis

Pass

Analyzed **Apr 07, 2021** | Instrument **HS-GC-FID**

Analyte	Results PPM	WRL PPM	Analyte	Results PPM	WRL PPM
Acetone	ND	5000	Acetonitrile	ND	50
Benzene	ND	2	Butane	ND	5000
Chloroform	ND	2	Cyclohexane	ND	3880
Dichloromethane	ND	600	Ethanol	112	5000
Ethyl acetate	ND	5000	Ethyl ether	ND	5000
Heptane	ND	5000	Hexane	ND	290
Isobutane	ND	5000	Methanol	ND	3000
Pentane	ND	5000	2-Propanol (IPA)	ND	5000
Propane	ND	5000	Toluene	ND	890
Xylene	ND	2170			

# PES - Pesticides Screening Analysis

Pass

Analyzed **Apr 09, 2021** | Instrument **LC-MS/MS (ESI)**

Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm	Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm
3-Hydroxycarbofuran	0.075	0.25	ND	0.2	Abamectin B1a	0.15	0.45	ND	0.5
Acephate	0.1	0.3	ND	0.4	Acetamiprid	0.33	0.1	ND	0.2
Aldicarb Sulfone	0.05	0.2	ND	0.4	Aldicarb	0.075	0.25	ND	0.4
Aminocarb	0.033	0.1	ND	0.1	Azoxystrobin	0.05	0.2	ND	0.2
Benalaxyl	0.05	0.15	ND	0.1	Bifenthrin	0.05	0.2	ND	0.2
Bifenazate	0.05	0.2	ND	0.2	Boscalid			ND	0.4
Butafenacil	0.05	0.15	ND	0.1	Carbaryl	0.05	0.2	ND	0.2
Carbetamide	0.05	0.15	ND	0.1	Carbofuran	0.05	0.15	ND	0.2
Carboxin	0.05	0.15	ND	0.1	Carfentrazone-ethyl NH4	0.05	0.2	ND	0.1
Chlorantraniliprole	0.075	0.25	ND	0.2	Chlorotoluron	0.05	0.2	ND	0.1
Chloroxuron	0.05	0.15	ND	0.1	Chlorpyrifos	0.075	0.25	ND	0.2
Clofentezine			ND	0.2	Clothianidin	0.05	0.15	ND	0.1
Cyazofamid	0.05	0.15	ND	0.1	Cycluron	0.05	0.15	ND	0.1
Diazinon	0.05	0.2	ND	0.2	Dicrctophos	0.05	0.15	ND	0.1
Diethofencarb	0.05	0.15	ND	0.1	Dimethoate	0.05	0.2	ND	0.2
Dimethomorph	0.05	0.2	ND	0.1	Dimoxystrobin	0.05	0.15	ND	0.1
Diuron	0.1	0.3	ND	0.1	Epoxiconazole	0.075	0.25	ND	0.1
Ethiofencarb	0.075	0.25	ND	0.1	Ethoprophos	0.1	0.4	ND	0.2
Etofenprox	0.04	0.125	ND	0.4	Etoxazole	0.05	0.2	ND	0.2
Fenamidone	0.1	0.3	ND	0.1	Fenazaquin	0.05	0.2	ND	0.1
Fenoxycarb	0.05	0.2	ND	0.2	Fenpyroximate	0.04	0.125	ND	0.4
Fenuron	0.033	0.1	ND	0.1	Fipronil	0.1	0.3	ND	0.4
Fonicamid			ND	1	Fluazinam	0.075	0.25	ND	0.1
Fludioxonil			ND	0.4	Flufenacet	0.05	0.2	ND	0.1
Fluometuron	0.05	0.2	ND	0.1	Flutolanil	0.05	0.2	ND	0.1
Fuberidazole	0.033	0.1	ND	0.1	Furalaxyl	0.05	0.15	ND	0.2
Furathiocarb	0.05	0.2	ND	0.1	Hexythiazox	0.05	0.2	ND	1
Imazalil	0.1	0.4	ND	0.2	Imidacloprid	0.05	0.2	ND	0.4
Indoxacarb	0.05	0.2	ND	0.1	Iprovalicarb	0.05	0.2	ND	0.1
Isoprocarb	0.05	0.2	ND	0.1	Isoproturon	0.05	0.2	ND	0.1
Kresoxym-methyl	0.05	0.15	ND	0.4	Mandipropamid	0.05	0.2	ND	0.1
Mefenacet	0.05	0.15	ND	0.1	Malathion	0.05	0.2	ND	0.2
Mepronil			ND	0.1	Metalaxyl	0.05	0.15	ND	0.2
Methabenzthiazuron	0.05	0.15	ND	0.1	Methamidophos	0.033	0.1	ND	0.1
Methiocarb			ND	0.2	Methomyl	0.05	0.2	ND	0.4
Methoprotryne	0.05	0.2	ND	0.1	Methoxyfenozide	0.05	0.15	ND	0.1
Mexacarbate	0.033	0.1	ND	0.1	Monocrotophos			ND	0.1

**NR** Not Reported  
**ND** Not Detected  
**<LOD** Below Lod  
**NT** Not Tested  
**LOD** Limit of Detection  
**LOQ** Limit of Quantification  
**DET** Detected below quantitation limit  
**CFU/g** Colony Forming Units per 1 gram  
**TNTC** Too Numerous to Count  
**mg/g** Milligrams per gram  
**ppm** Parts per million  
**WRL** Washington Regulatory Limit



Accreditation #91428



Authorized Signature

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Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm	Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm
Myclobutanil	0.075	0.25	ND	0.2	Nitenpyram	0.05	0.2	ND	0.1
Omethoate	0.05	0.2	ND	0.1	Oxadixyl	0.05	0.15	ND	0.2
Oxamyl	0.033	0.1	ND	0.1	Paclobutrazol	0.05	0.2	ND	0.4
Permethrin NH4	0.05	0.2	ND	0.2	Phosmet	0.05	0.2	ND	0.2
Picoxystrobin	0.05	0.2	ND	0.1	Piperonyl Butoxide	0.05	0.15	ND	2
Pirimicarb	0.05	0.15	ND	0.1	Prometon	0.05	0.15	ND	0.1
Propamocarb	0.04	0.125	ND	0.1	Propargite	0.04	0.125	ND	0.1
Propoxur	0.04	0.125	ND	0.2	Pymetrozine	0.05	0.2	ND	0.1
Pyracarbolid	0.04	0.125	ND	0.1	Pyraclostrobin	0.05	0.15	ND	0.1
Pyrethrin I			ND	1	Pyrethrin II			ND	1
Pyridaben	0.05	0.2	ND	0.2	Pyriproxyfen	0.05	0.15	ND	0.1
Quinoxifen	0.033	0.1	ND	0.1	Rotenone	0.05	0.2	ND	0.1
Spinosad A	0.05	0.2	ND	0.2	Spinosad D	0.05	0.2	ND	0.2
Spiromesifen	0.04	0.125	ND	0.2	Spirotetramat	0.05	0.2	ND	0.2
Spiroxamine	0.05	0.15	ND	0.4	Tebuconazole	0.05	0.2	ND	0.4
Tebufenozide	0.05	0.15	ND	0.1	Tebuthiuron	0.04	0.125	ND	0.1
Thiacloprid	0.05	0.15	ND	0.2	Thiamethoxam	0.05	0.2	ND	0.2
Thiobencarb	0.05	0.2	ND	0.1	Thiophanate-Methyl	0.05	0.15	ND	0.1
Tricyclazole	0.05	0.15	ND	0.1	Trifloxystrobin	0.04	0.125	ND	0.2
Triflumizole	0.05	0.15	ND	0.1	Uniconazole	0.075	0.25	ND	0.5
Vamidothion	0.033	0.1	ND	0.1	Zoxamide	0.05	0.2	ND	0.1

### MYC - Mycotoxins Analysis

Pass

Analyzed **Apr 09, 2021** | Instrument **ELISA**

Analyte	LOD ppb	Result ppb	WRL ppb	Analyte	LOD ppb	Result ppb	WRL ppb
Total Aflatoxins	3.0	ND	20	Ochratoxin A	1.9	ND	20

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