

Analysis Date: 2021-05-03

Lab Global: NON MANDATORY

Original Global: 11-0621-D

Integrity ID: 1086749



CANNABINOID PROFILE		HPLC	RESIDUAL SOLVENTS			GCMS	
Cannabinoids LOQ = 0.50 mg/g		mg/container		Result	RL	WSLCB	
Cannabinoids				(ug/g)	(ug/g)	Limit	Pass/Fail
Tetrahydrocannabinolic Acid (THCa)		nd	Acetone	nd	500	5000	PASS
Delta 9 Tetrahydrocannabinol (D9 THC)		nd	Benzene	nd	1.0	2.0	PASS
			Butanes	nd	500	5000	PASS
			Chloroform	nd	1.0	2.0	PASS
<b>Total THC</b>		<b>0.00 mg/container</b>	Cyclohexane	nd	400	3880	PASS
Cannabidiolic Acid (CBDA)		nd	Dichloromethane	nd	120	600	PASS
Cannabidiol (CBD)		520.14	Ethyl Acetate	nd	500	5000	PASS
<b>Total CBD</b>		<b>520.14 mg/container</b>	Heptane	nd	500	5000	PASS
			Hexanes	nd	30	290	PASS
<b>Total i502</b>		<b>520.14 mg/container</b>	Isopropanol	nd	500	5000	PASS
			Methanol	nd	300	3000	PASS
Cannabinol (CBN)		nd	Pentanes	nd	500	5000	PASS
Delta 8 Tetrahydrocannabinol (D8)		nd	Propane	nd	500	5000	PASS
Tetrahydrocannabivarin (THCV)		nd	Toluene	nd	100	890	PASS
Cannabidivarin (CBDV)		1.48	Total Xylenes	nd	200	2170	PASS
Cannabigerol (CBG)		7.39					
Cannabigerolic Acid (CBGa)		nd					
Cannabichromene (CBC)		nd					
<b>Total Tested Cannabinoids</b>		<b>529.01 mg/container</b>					

Total THC = THCA x .877 + D9 THC

Total CBD = CBDA x .877 + CBD

LOQ = Level Of Quantification

nd = not detected

rl = reporting limit

MICROBIAL PROFILE		Petrifilm & BioLumix		
Assay	Action Level	cfu/g	Result	
Gram Negative Bile-Tolerant Bacteria	1,000	nd	PASS	
Salmonella	pass-fail	nd	PASS	
Escherichia coli	pass-fail	nd	PASS	

MYCOTOXIN PROFILE		Elisa		
Assay LOQ = 10.0 ppb	Action Level	ppb	Result	
Aflatoxin B1, B2, G1, G2	20 ppb	nd	PASS	
Ochratoxin A	20 ppb	nd	PASS	



Marilyn Olson, Scientific Director



**INTEGRITY LABS™**

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# CERTIFICATE OF ANALYSIS

BARKER WELLNESS CO.

TUNA- 500mg PER 1oz

TINCTURE

UBI:

TERPENES	GCMS
Terpenes LOQ = 0.10	mg/g
alpha-Pinene	nd
Camphene	nd
beta-Pinene	nd
<b>beta-Myrcene</b>	<b>0.14 mg/g</b>
delta-3-Carene	nd
alpha-Terpinene	nd
para-Cymene	nd
<b>delta-Limonene</b>	<b>0.16 mg/g</b>
beta-Ocimene	nd
gamma-Terpinene	nd
Terpinolene	nd
Linalool	nd
Isopulegol	nd
beta-Caryophyllene	nd
Geraniol	nd
Caryophyllene oxide	nd
Guaiol	nd
Eucalyptol	nd
alpha-Humulene	nd
cis-Nerolidol	nd
trans-Nerolidol	nd
alpha-Bisabolol	nd
<b>Total:</b>	<b>0.30 mg/g</b>

Marilyn Olson, Scientific Director

## 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

**Barker Wellness Co**



**Sample: 1086755**

#COC/INVOICE: **4562**

Laboratory ID **210429-017**

Matrix **Tincture**

Batch ID

Inventory ID

Tested for **Integrity Labs Inc**

Address **2747 Pacific Ave. SE #B21 Olympia, WA 98501**

License **9**

Received **04/30/2021**

Reported **05/03/2021**

Analyses executed **MET, PES**

## MET - Heavy Metals Detection Analysis

Analyzed **May 04, 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

## PES - Pesticides Screening Analysis

Analyzed **May 04, 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	Diclotophos	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
Flonicamid			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

**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  
05/03/2021



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Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm	Analyte	LOD ppm	LOQ ppm	Result ppm	WRL ppm
Furathiocarb	0.05	0.2	ND	0.1	Hexythiazox	0.05	0.2	ND	1
Imazailil	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
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	Paclbutrazol	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

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