BADGER LABS

CERTIFICATE OF ANALYSIS

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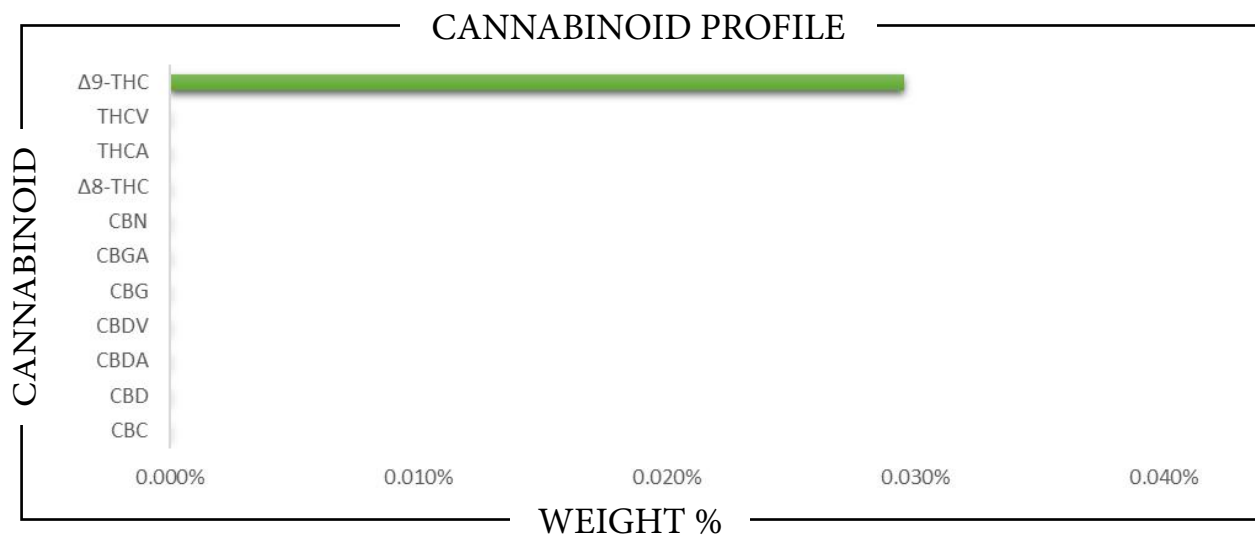3426 E. Maria Drive
Stevens Point, WI 54481
(715) 544-4900

REPORT PREPARED FOR:

PROJECT#
LAB ID
RECEIVED DATE
REPORT DATE

SAMPLE NAME:

CANNABINOID PROFILE

	Prepared By:	Analyzed By:
CBC		
CBD		
CBDA		
CBDV		
CBG		
CBGA		
CBN		
Δ8-THC		
Δ9-THC		
THCA		
THCV		
Total CBD		
Total CBG		
Total THC		

Analysis Method: TP-POT-05
By HPLC-VWD
Total THC = (0.877 x THCA) + Δ9-THC
Total CBD = (0.877 x CBDA) + CBD
Total CBG = (0.877 x CBGA) + CBG
ND = Not Detected

Prepared By:
Prep Date:
Batch ID:

Analyzed By:
Analysis Date:

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

SIGNATURE

SIGNED ON

PJLA Testing
Accreditation# 115522

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SAMPLE NAME:

PESTICIDES   PASS

PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)	PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Acephate	100	ND	Imidacloprid	5000	ND
Acequinocyl	100	ND	Kresoxim methyl	100	ND
Acetamiprid	100	ND	Malathion	500	ND
Aldicarb	LOD	ND	Metalaxyl	100	ND
Avermectin B1a[1]	100	ND	Methiocarb	LOD	ND
Avermectin B1b[1]	100	ND	Methomyl	1000	ND
Azoxystrobin	100	ND	Methyl-Parathion	LOD	ND
Bifenazate	100	ND	Mevinphos	LOD	ND
Bifenthrin	3000	ND	Myclobutanil	100	ND
Boscalid	100	ND	Oxamyl	500	ND
Captan	100	ND	Paclobutrazol	LOD	ND
Carbaryl	500	ND	Pentachloronitrobenzene	LOD	ND
Carbofuran	LOD	ND	Permethrin I	500	ND
Chlorantraniliprole	10000	ND	Phosmet	100	ND
Chlordane	100	ND	Piperonyl butoxide	3000	ND
Chlorfenapyr	LOD	ND	Prallethrin	100	ND
Chloromequat chloride	LOD	ND	Propicanozole	100	ND
Chlorpyrifos	LOD	ND	Propoxur	LOD	ND
Clofentezine	100	ND	Pyrethrin I	500	ND
Coumaphos	LOD	ND	Pyrethrin II	500	ND
Cyfluthrin	2000	ND	Pyridaben	100	ND
Cypermethrin	1000	ND	Spinetoram J	100	ND
Daminozide	LOD	ND	Spinetoram L	100	ND
Diazinon	100	ND	Spinosyn A[2]	100	ND
Dibrom (Naled)	100	ND	Spinosyn D[2]	100	ND
Dichlorvos	LOD	ND	Spiromesifen	100	ND
Dimethoate	LOD	ND	Spirotetramat	100	ND
Dimethomorph I	2000	ND	Spiroxamine	LOD	ND
Dimethomorph II	2000	ND	Tebuconazole	100	ND
Ethoprophos	LOD	ND	Thiacloprid	LOD	ND
Etofenprox	LOD	ND	Thiamethoxam	5000	ND
Etoxazole	100	ND	Trifloxystrobin	100	ND
Fenhexamid	100	ND			
Fenoxycarb	LOD	ND			
Fenpyroximate	100	ND			
Fipronil	LOD	ND			
Flonicamid	100	ND			
Fludixonil	100	ND			
Hexythiazox	100	ND			
Imazalil	LOD	ND			

Prepared By: Analyzed By:

Prepared Date: Analyzed Date:

Analysis Batch:

Analyzed by method TP-PES-01 on HPLC/MS/MS or GC/MS
ND = Analyte not detected
PPB = Parts per billion
[1]Abamectin is a mixture of Avermectin B1a and Avermectin B1b
[2]Spinosad is a mixture of isomers Spinosyn A and Spinosyn D

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RESIDUAL SOLVENTS   PASS

CATEGORY I	PPM	CATEGORY II	PPM
Ethylene Oxide		Propane	
Methylene Chloride		Butane/Isobutane	
Benzene		Pentane	
1,2-Dichloroethane		Acetone	
Chloroform		Acetonitrile	
Trichloroethylene		Hexane	
		Ethyl Acetate	
		Heptane	
		Methanol	
		Diethyl Ether	
		Ethanol	
		Isopropanol	
		Toluene	
		m+p Xylene	
		o-Xylene	

Prepared By:
Date Prepared:
Analyzed By:
Analysis Date:
Analysis Batch:

Analysis method: TP-SOL-01 by HS-GC/MS
No Category I solvent may be present to pass
ND = Not detected
PPM = Parts per million

METALS   PASS

METALS FDA - CATEGORY I	ACTION LEVEL (PPM)	SAMPLE LEVEL (PPM)
Arsenic (As)	1.5	
Cadmium (Cd)	0.5	
Lead (Pb)	0.5	
Mercury (Hg)	3.0	

Prepared By:
Date Prepared:
Analyzed By:
Analysis Date

Analyzed by EPA method 6020A via ICP-OES or ICP-MS
ND = Not detected
PPM = Parts per million

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SAMPLE NAME:

MYCOTOXINS   PASS

MYCOTOXIN	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Aflatoxin B1		
Aflatoxin B2	Sum of all alflatoxins not to exceed 20 PPB	
Aflatoxin G1		
Aflatoxin G2		
Ochratoxin	20	

Prepared By:
Date Prepared:
Analyzed By:
Analysis Date
Analysis Batch:

Analyzed by TP-MYC-01 on HPLC/MS/MS
ND = Not detected
PPB = Parts per billion

MICROBIALS   PASS

	ACTION LEVEL (CFU/G)	SAMPLE LEVEL (CFU/G)
Total Coliform		
E. Coli	Presence	
Yeast & Mold		
Enterobacteriaceae		
Salmonella	Presence	
Total Count		

Prepared By:
Date Prepared:
Analyzed By:
Analysis Date

Analyzed by COMPACTDRY method.
ND = Not detected
CFU/G = Colony forming uniits per gram

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