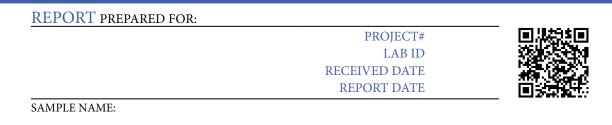
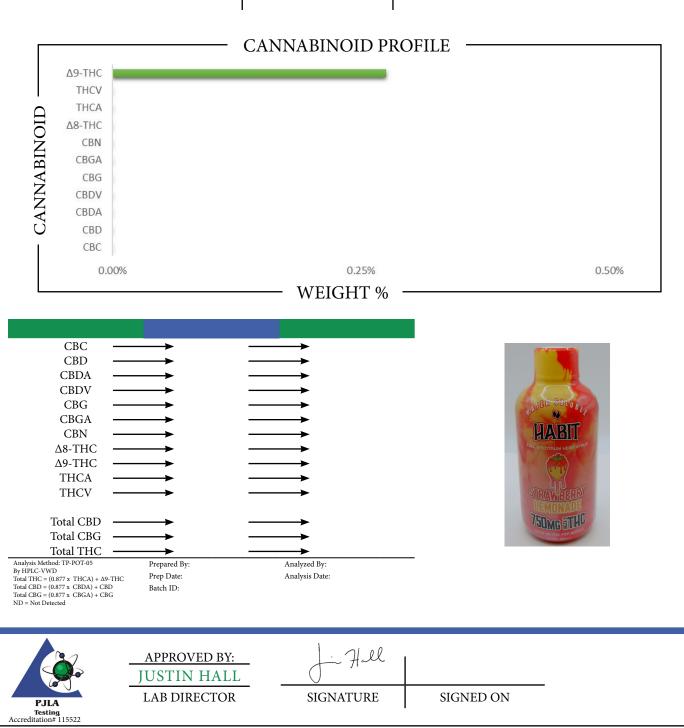


# CERTIFICATE OF ANALYSIS







This is a Badger Labs Certificate of Analysis and may not be reproduced without written approval from Badger Labs. Badger Labs maintains strict confidentiality of all client data. Any information regarding an analysis is shared only with the the individuals designated on the Laboratory Chain of Custody (COC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. This report complies to the requirements of the ISO/IEC 17025:2017 standard. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.





#### **REPORT** PREPARED FOR:

PROJECT# LAB ID RECEIVED DATE REPORT DATE

#### SAMPLE NAME:

### TERPENES

				— Т	ERPE	NE PF	ROFIL	Е —					_
	gamma-Terpinen	- 19 C											
	Eucalypto												
	Z-beta-Ocimen	ie											
	D-Limonen	ie											
Щ	E-beta-Ocimen	ne											
Z	alpha-Terpinen	ne											
TERPENE	3-Caren	ie											
Ϋ́	alpha-Phellandren	ie											
Ë	beta-Myrcen	ne											
	Sabinen	ne											
	Camphen	ie											
	alpha-Pinen	ie											
		0.00%	10.00%	20.00%	30.00%	40.00%	50.00%	60.00%	70.00%	80.00%	90.00%	100.00%	
					- WF	EIGHT	¬% –						_

TERPENE	WEIGHT %	TERPENE	WEIGHT %	TERPENE	WEIGHT %
alpha-Bisabolol		Caryophyllene oxide		Limonene	
alpha-Cedrene		Cedrol		Linalool	
alpha-Humulene		Eucalyptol		Nerol	
alpha-Phellandrene		Farnesene		Nerolidol	
alpha-Pinene		Fenchone		Ocimene	
alpha-Terpinene		Fenchyl Alcohol		Pulegone	
beta-Caryophyllene		gamma-Terpinene		Sabinene	
beta-Myrcene		Geraniol		Sabinene hydrate	
beta-Pinene		Geranyl acetate		Terpineol	
Borneol		Guaiol		Terpinolene	
Camphene		Hexahydrothymol		Valencene	
Camphor		Isoborneol			
3-Carene		Isopulegol			
Prepared By:	Analyzed By:				
Prepared Date:	Analyzed Date:				

Prepared Date: Analyzed Da Analysis Batch: Analyzed by method TP-TER-01 by HS-GCMS ND = Analyte not detected PPB = Parts per billion



This is a Badger Labs Certificate of Analysis and may not be reproduced without written approval from Badger Labs. Badger Labs maintains strict confidentiality of all client data. Any information regarding an analysis is shared only with the the individuals designated on the Laboratory Chain of Custody (COC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.



# CERTIFICATE OF ANALYSIS



PASS

**REPORT** PREPARED FOR:

PROJECT# LAB ID RECEIVED DATE REPORT DATE

SAMPLE NAME:

### PESTICIDES

	ACTION LEVEL	SAMPLE LEVEL		ACTION LEVEL	SAMPLE LEVEL
PESTICIDE	(PPB)	(PPB)	PESTICIDE	(PPB)	(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 <sup>1</sup>	100	ND	Methiocarb	LOD	ND
Avermectin B1b1	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 <sup>2</sup>	100	ND
Dibrom (Naled)	100	ND	Spinosyn D <sup>2</sup>	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	Prepared By: A	nalyzed By:	
Fenoxycarb	LOD	ND		nalyzed Date:	
Fenpyroximate	100	ND	Analysis Batch:		
Fipronil	LOD	ND	Analyzed by method TP-PES-01 on H ND = Analyte not detected	PLC/MS/MS or GC/MS	
Flonicamid	100	ND	PPB = Parts per billion		
Fludixonil	100	ND	<sup>1</sup> Abamectin is a mixture of Avermecti <sup>2</sup> Spinosad is a mixture of isomers Spin		
Hexythiazox	100	ND	opinosau is a mixture of isomers spin	osyn A and opmosyn D	
Imazalil	LOD	ND			

\_Hall APPROVED BY: JUSTIN HALL LAB DIRECTOR SIGNED ON SIGNATURE

This is a Badger Labs Certificate of Analysis and may not be reproduced without written approval from Badger Labs. Badger Labs maintains strict confidentiality of all client data. Any information regarding an analysis is shared only with the individuals designated on the Laboratory Chain of Custody (COC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.





PASS

**REPORT** PREPARED FOR:

PROJECT# LAB ID RECEIVED DATE REPORT DATE

SAMPLE NAME:

# **RESIDUAL SOLVENTS**

CATEGORY I	РРМ	CATEGORY II	PPM
Ethylene Oxide		Propane	
Methylene Chloride		Butane/Isobutane	
Benzene		Pentane	
1,2-Dichloroethane		Acetone	
Chloroform		Acetonitrile	
Trichloroethylene		Hexane	
Prepared By:		Ethyl Acetate	
Date Prepared:		Heptane	
Analyzed By:		Methanol	
Analysis Date:		Diethyl Ether	
Analysis Batch:		Ethanol	
Analysis method: TP-SOL-01 by HS-G		Isopropanol	
No Category I solvent may be present t ND = Not detected	o pass	Toluene	
PPM = Parts per million		m+p Xylene	
		o-Xylene	

## METALS

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

APPROVED BY: JUSTIN HALL	J- Hall	
LAB DIRECTOR	SIGNATURE	SIGNED ON

This is a Badger Labs Certificate of Analysis and may not be reproduced without written approval from Badger Labs. Badger Labs maintains strict confidentiality of all client data. Any information regarding an analysis is shared only with the the individuals designated on the Laboratory Chain of Custody (COC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.

PASS





**REPORT** PREPARED FOR:

PROJECT# LAB ID RECEIVED DATE REPORT DATE

SAMPLE NAME:

# **MYCOTOXINS**

MYCOTOXIN	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Aflatoxin B1		
Aflatoxin B2	Sum of all alflatoxins	
Aflatoxin G1	not to exceed 20 PPB	
Aflatoxin G2		
Ochratoxin	20	
Prepared By:		
Date Prepared:		
Analyzed By:		
Analysis Date		
Analysis Batch:		
Analyzed by TP-MYC-01 on H	IPLC/MS/MS	
ND = Not detected PPB = Parts per billion		

# MICROBIALS

	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 ND = Not detected CFU/G = Colony forming unit		

APPROVED BY: JUSTIN HALL	J- Hell	
LAB DIRECTOR	SIGNATURE	SIGNED ON

This is a Badger Labs Certificate of Analysis and may not be reproduced without written approval from Badger Labs. Badger Labs maintains strict confidentiality of all client data. Any information regarding an analysis is shared only with the the individuals designated on the Laboratory Chain of Custody (COC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.

PASS

PASS