

Botany Scientifics

8647 Wurzbach Road, Unit F San Antonio, TX 78240
(210) 900-4367
Project 09/03/2024

Seed to Sale: N/A
Retail Batch#: N/A
Cultivar: N/A
Cultivation Facility: N/A
Processing Facility: N/A
Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name: PET Tincture FSO-PT-600MG-BACON

Lab Sample ID: F409052-01 Matrix: Non-Inhalable Product
Retail Batch Total Wt/Vol: N/A Retail Batch Total Units: N/A
Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1

Date Sampled: 09/03/2024
Date Received: 09/03/2024
Date Reported: 09/10/2024



Terpenes
Tested



Heavy Metals
Pass



Foreign Materials
Pass



Microbiology
Pass



Mycotoxins
Pass



Residual Solvents
Pass



Pesticides
Pass



Moisture Content
Not Tested



Water Activity
Pass



Total Cannabinoids	
2.52%	
Major Cannabinoids	
Total CBD	Total THC
2.36%	0.0640%
23.6 mg/g	0.640 mg/g
708.00 mg/Unit	19.20 mg/Unit
Minor Cannabinoids *	
CBC	delta-9-THC
0.0910%	0.640 mg/g
0.910 mg/g	19.20 mg/Unit

Terpenes Profile

Date Prepared: 09/06/24 09:43 Specimen Prep: 1.04 g / 10 mL
Date Analyzed: 09/09/24 15:30 Instrument: GCMS
Lab Batch: B24H070 Prep ID: MC Analyzed ID: NS Prep/Analysis Method: ACCU LAB SOP17

Analyte	Dilution	LOQ	Results
		mg/g	mg/g
(-)-Isopulegol	1	0.38	ND
alpha-Bisabolol	1	0.38	ND
alpha-Cedrene	1	0.38	ND
alpha-Humulene	1	0.38	ND
alpha-Pinene	1	0.38	ND
alpha-Terpinene	1	0.38	ND
beta-Caryophyllene	1	0.38	ND
beta-Myrcene	1	0.38	ND
beta-Pinene	1	0.38	ND
Borneol	1	0.38	ND
Camphene	1	0.38	ND
Camphor	1	0.38	ND
Caryophyllene Oxide	1	0.38	ND
Cedrol	1	0.38	ND
cis-Nerolidol	1	0.38	ND
Delta-3-carene	1	0.38	ND
d-Limonene	1	0.38	ND
Endo-fenchyl alcohol	1	0.38	ND
Eucalyptol	1	0.38	ND
Farnesene	1	0.38	ND
Fenchone	1	0.38	ND
gamma-Terpinene	1	0.38	ND
Geraniol	1	0.38	ND
Geranyl acetate	1	0.38	ND
Guaiol	1	0.38	ND
Hexahydrothymol	1	0.38	ND
Isoborneol	1	0.38	ND
Linalool	1	0.38	ND
Nerol	1	0.38	ND
Ocimene	1	0.38	ND
p-Mentha-1,5-diene	1	0.38	ND
Pulegone	1	0.38	ND
Sabinene	1	0.38	ND
Sabinene hydrate	1	0.38	ND
Terpineol	1	0.38	ND
Terpinolene	1	0.38	ND
trans-Nerolidol	1	0.38	ND
Valencene	1	0.38	ND

Potency (as Received)

* Most abundant

Cannabinoids

Date Prepared: 09/05/24 11:04 Specimen Prep: 0.2561 g / 10 mL
Date Analyzed: 09/05/24 19:55 Analyst ID: DH Instrument: HPLC
Lab Batch: B24H072 Prep/Analysis Method: ACCU LAB SOP15

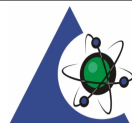
Analyte	Dilution	LOQ	Results	
			%	mg/Unit
CBC	10	0.0390	0.0910	27.30
CBCA	10	0.0390	ND	ND
CBD	10	0.0390	2.36	708.00
CBDA	10	0.0390	ND	ND
CBDV	10	0.0390	ND	ND
CBDVA	10	0.0390	ND	ND
CBG	10	0.0390	ND	ND
CBGA	10	0.0390	ND	ND
CBN	10	0.0390	ND	ND
delta-8-THC	10	0.0390	ND	ND
delta-9-THC	10	0.0390	0.0640	19.20
THCA	10	0.0390	ND	ND
THCV	10	0.0390	ND	ND
THCVA	10	0.0390	ND	ND

Total Terpenes mg/g 0.00

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PJLA
Testing
Accreditation#: 109150

Dr. Harry Behzadi, PhD.
President, CEO



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Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1

Date Sampled: 09/03/2024
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Date Reported: 09/10/2024

Pesticides

Date Prepared: 09/05/24 12:07 Prep ID: KF Specimen Prep: 1.04 g / 10 mL
Date Analyzed: 09/05/24 20:47 Analyst ID: AJ Instrument: LC/MS/MS
Batch: B241011 Prep Method: LAB SOP 8 Analysis Method: ACCU LAB SOP18

Pass

Analyte	DIL	Action Limit	LOQ	Results	Status	Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin	10	300	4.8	ND	Pass	Imidacloprid	10	3000	4.8	ND	Pass
Acephate	10	3000	4.8	ND	Pass	Kresoxim methyl	10	1000	4.8	ND	Pass
Acequinocyl	10	2000	4.8	ND	Pass	Malathion	10	2000	4.8	ND	Pass
Acetamiprid	10	3000	4.8	ND	Pass	Metalaxyl	10	3000	4.8	ND	Pass
Aldicarb	10	100	4.8	ND	Pass	Methiocarb	10	100	4.8	ND	Pass
Azoxystrobin	10	3000	4.8	ND	Pass	Methomyl	10	100	4.8	ND	Pass
Bifenazate	10	3000	4.8	ND	Pass	Mevinphos	10	100	4.8	ND	Pass
Bifenthrin	10	500	4.8	ND	Pass	Myclobutanil	10	3000	4.8	ND	Pass
Boscalid	10	3000	4.8	ND	Pass	Naled	10	500	4.8	ND	Pass
Carbaryl	10	500	4.8	ND	Pass	Oxamyl	10	500	4.8	ND	Pass
Carbofuran	10	100	4.8	ND	Pass	Paclbutrazol	10	100	4.8	ND	Pass
Chlorantraniliprole	10	3000	4.8	ND	Pass	Permethrin	10	1000	4.8	ND	Pass
Chlorfenapyr	10	100	4.8	ND	Pass	Phosmet	10	200	4.8	ND	Pass
Chlormequat	10	3000	4.8	ND	Pass	Piperonyl butoxide	10	3000	4.8	ND	Pass
Chlorpyrifos	10	100	4.8	ND	Pass	Prallethrin	10	400	4.8	ND	Pass
Clofentezine	10	500	4.8	ND	Pass	Propiconazole	10	1000	4.8	ND	Pass
Coumaphos	10	100	4.8	ND	Pass	Propoxur	10	100	4.8	ND	Pass
Cyfluthrin	10	1000	4.8	ND	Pass	Pyrethrins	10	1000	4.8	ND	Pass
Cypermethrin	10	1000	4.8	ND	Pass	Pyridaben	10	3000	4.8	ND	Pass
Daminozide	10	100	4.8	ND	Pass	Spinetoram J	10	3000	4.8	ND	Pass
Diazinon	10	200	4.8	ND	Pass	Spinetoram L	10	3000	4.8	ND	Pass
Dichlorvos	10	100	4.8	ND	Pass	Spinosyn A	10	3000	4.8	ND	Pass
Dimethoate	10	100	4.8	ND	Pass	Spinosyn D	10	3000	4.8	ND	Pass
Dimethomorph	10	3000	4.8	ND	Pass	Spiromesifen	10	3000	4.8	ND	Pass
Ethoprophos	10	100	4.8	ND	Pass	Spirotetramat	10	3000	4.8	ND	Pass
Etofenprox	10	100	4.8	ND	Pass	Spiroxamine	10	100	4.8	ND	Pass
Etoazole	10	1500	4.8	ND	Pass	Tebuconazole	10	1000	4.8	ND	Pass
Fenhexamid	10	3000	4.8	ND	Pass	Thiacloprid	10	100	4.8	ND	Pass
Fenoxycarb	10	100	4.8	ND	Pass	Thiamethoxam	10	1000	4.8	ND	Pass
Fenpyroximate	10	2000	4.8	ND	Pass	Trifloxystrobin	10	3000	4.8	ND	Pass
Fipronil	10	100	4.8	ND	Pass	Captan	1	3000	240	ND	Pass
Fonicamid	10	2000	4.8	ND	Pass	Chlordane	1	100	47	ND	Pass
Fludioxonil	10	3000	4.8	ND	Pass	Methyl parathion	1	100	47	ND	Pass
Hexythiazox	10	2000	4.8	ND	Pass	Pentachloronitrobenzene	1	200	47	ND	Pass
Imazalil	10	100	4.8	ND	Pass						

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Microbials

Pass

Analyte	Action Limit	LOQ	Results	Status
Aspergillus Flavus	1	1.00	<1.00	Pass
Aspergillus Fumigatus	1	1.00	<1.00	Pass
Aspergillus Niger	1	1.00	<1.00	Pass
Aspergillus Terreus	1	1.00	<1.00	Pass
E. coli specific gene	1	1.00	<1.00	Pass
E. coli/shigella spp.	1	1.00	<1.00	Pass
Salmonella specific gene	1	1.00	<1.00	Pass
Stx1 gene	1	1.00	<1.00	Pass
Stx2 gene	1	1.00	<1.00	Pass

Date Prepared: 09/04/24 14:00 Specimen Prep: 1 g / 1 g
Date Analyzed: 09/06/24 12:30 Analyst ID: ES Instrument: QPCR
Lab Batch: B24H058 Analysis Method: ACCU LAB SOP14

Analyte	Action Limit	LOQ	Results	Status
Total Yeast and Mold	100000	10000	<10000	Pass

Water Activity

Pass

Analyte	Action Limit	Result	Status
Water Activity	0.85	0.68	Pass

Date Prepared: 09/05/24 09:13 Specimen Prep: 0.5 g / 0.5 g
Date Analyzed: 09/05/24 09:13 Analyst ID: WM Instrument: Rotronic Water Activity Probe
Lab Batch: B24I009 Analysis Method: ACCU LAB SOP10

Foreign Materials

Pass

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass

Date Prepared: 09/05/24 08:52 Specimen Prep: 0.5 g / 0.5 g
Date Analyzed: 09/05/24 09:13 Analyst ID: WM Instrument: Visual Inspection
Lab Batch: B24I009 Analysis Method: ACCU LAB SOP04

Total Contaminant Load

	Action Limit	Results	Status
	ppb	ppb	
Total Contaminant Load - Overall Sum	30,000	ND	Pass
Total Contaminant Load - Heavy Metals	30,000	ND	Pass
Total Contaminant Load - Pesticides	30,000	ND	Pass

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Residual Solvents

Pass

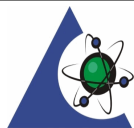
Date Prepared: 09/05/24 11:20 Prep ID: DH Specimen Prep: 0.132 g / 1 mL
Date Analyzed: 09/05/24 20:25 Analyst ID: DH Instrument: Headspace GC-FID
Lab Batch: B241006 Analysis Method: ACCU LAB SOP16

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppm	ppm	ppm	
1,1-Dichloroethene	1	8	1.5	ND	Pass
1,2-Dichloroethane	1	2	1.5	ND	Pass
2-Propanol (IPA)	1	500	15	ND	Pass
Acetone	1	750	15	ND	Pass
Acetonitrile	1	60	15	ND	Pass
Benzene	1	1	0.15	ND	Pass
Butane	1	5000	7.6	ND	Pass
Chloroform	1	2	1.5	ND	Pass
Ethanol	1	5000	15	ND	Pass
Ethyl acetate	1	400	1.5	ND	Pass
Ethyl ether	1	500	1.5	ND	Pass
Ethylene oxide	1	5	1.5	ND	Pass
Methanol	1	250	15	ND	Pass
Methylene chloride	1	125	1.5	ND	Pass
n-Heptane	1	5000	1.5	ND	Pass
n-Hexane	1	250	0.30	ND	Pass
Pentane	1	750	0.51	ND	Pass
Propane	1	5000	15	ND	Pass
Toluene	1	150	1.5	ND	Pass
Total xylenes	1	150	3.8	ND	Pass
Trichloroethene	1	25	1.5	ND	Pass

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