



# Certificate of Analysis

## FOR COMPLIANCE

Laboratory Sample ID: AL41210002-004



**Production Method:** Pectin  
**Harvest/Lot ID:** 24339-PF  
**Batch#:** 24339-PF  
**Seed to Sale#:** 000000004507  
**Sample Size Received:** 4 units  
**Total Amount:** 3955 units  
**Retail Product Size:** 66 gram  
**Retail Serving Size:** 6.6 gram  
**Servings:** 10  
**Sampled:** 12/09/24 03:15 PM  
**Sampling Start:** 03:15 PM  
**Sampling End:** 03:50 PM  
**Sampling Method:** SOP.T.20.010.NY

**Bristol Extracts LLC**  
License # : OCM-PROC-24-000023  
4376 State Route 64  
Canandaigua, NY, 14424, US

**PASSED**

Pages 1 of 6

### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**PASSED**

### MISC.



### Cannabinoid

**PASSED**



**Total THC**  
**0.1663%**  
Total THC/Container : 109.7580 mg



**Total CBD**  
**<0.0007**  
Total CBD/Container : 0.0000 mg



**Total Cannabinoids**  
**0.1858%**  
Total Cannabinoids/Container : 122.6280 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	D8-THC	CBGA	CBN	D9-THC	THCA	THCV
%	<0.0006	<0.0007	0.0049	<0.0007	<0.0007	<0.0007	0.0123	<0.0007	<0.0007	0.0008	0.1663	<0.0007	0.0015
mg/unit	<0.396	<0.462	3.234	<0.462	<0.462	<0.462	8.118	<0.462	<0.462	0.528	109.758	<0.462	0.990
LOQ	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
3.0236g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 12/11/24 18:40:59

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
12/16/24



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

**Kaycha Labs**

Pineapple Fire Gummy  
HYBRID  
Matrix : Edible  
Type: Gummy



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Email: info@bristolextracts.com  
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## Terpenes

**PASSED**

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
ALPHA TERPINEOL	0.00	<2.640	<0.0040		Weight:				
BETA-CARYOPHYLLENE	0.00	<2.640	<0.0040		1.0149g				
CAMPHENE	0.00	<2.640	<0.0040		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
CARYOPHYLLENE OXIDE	0.00	<2.640	<0.0040		Analyzed Date : 12/11/24 13:29:22				
FARNESENE	0.10	<66.000	<0.1000						
FENCHYL ALCOHOL	0.00	<2.640	<0.0040						
GERANIOL	0.00	<2.640	<0.0040						
GUAIOL	0.00	<2.640	<0.0040						
LIMONENE	0.00	<2.640	<0.0040						
LINALOOL	0.00	<2.640	<0.0040						
MENTHOL	0.00	<2.640	<0.0040						
OCIMENE	0.00	<2.640	<0.0040						
TERPINOLENE	0.00	<2.640	<0.0040						
VALENCENE	0.00	<2.640	<0.0040						
ALPHA-BISABOLOL	0.00	<2.640	<0.0040						
ALPHA-HUMULENE	0.00	<2.640	<0.0040						
ALPHA-PHELLANDRENE	0.00	<2.640	<0.0040						
ALPHA-PINENE	0.00	<2.640	<0.0040						
ALPHA-TERPINENE	0.00	<2.640	<0.0040						
BETA-MYRCENE	0.00	<2.640	<0.0040						
BETA-PINENE	0.00	<2.640	<0.0040						
<b>Total (%)</b>				<b>&lt;0.1000</b>					

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
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## Pesticides

**PASSED**

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ACEQUINOCLY	0.1000	ppm	2	PASS	<0.1000	PACLOBUTRAZOL	0.1000	ppm	0.4	PASS	<0.1000
PYRETHRINS, TOTAL	0.1000	ppm	1	PASS	<0.1000	PERMETHRIN	0.1000	ppm	0.2	PASS	<0.1000
AZADIRACTHIN	0.1000	ppm	1	PASS	<0.1000	PHOSMET	0.1000	ppm	0.2	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	0.1000	ppm	1	PASS	<0.1000	PRALLETHRIN	0.1000	ppm	0.2	PASS	<0.1000
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	<0.1000	PROPICONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
PIPERONYL BUTOXIDE	0.1000	ppm	2	PASS	<0.1000	PROPOXUR	0.1000	ppm	0.2	PASS	<0.1000
ABAMECTIN B1A	0.1000	ppm	0.5	PASS	<0.1000	PYRIDABEN	0.1000	ppm	0.2	PASS	<0.1000
ACEPHATE	0.1000	ppm	0.4	PASS	<0.1000	SPINETORAM, TOTAL	0.1000	ppm	1	PASS	<0.1000
ACETAMIPRID	0.1000	ppm	0.2	PASS	<0.1000	SPINOSAD, TOTAL	0.1000	ppm	0.2	PASS	<0.1000
ALDICARB	0.1000	ppm	0.4	PASS	<0.1000	SPIROMESIFEN	0.1000	ppm	0.2	PASS	<0.1000
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	<0.1000
CHLORMEQUAT CHLORIDE	0.1000	ppm	1	PASS	<0.1000	SPIROXAMINE	0.1000	ppm	0.2	PASS	<0.1000
BIFENAZATE	0.1000	ppm	0.2	PASS	<0.1000	TEBUCONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
BIFENTHRIN	0.1000	ppm	0.2	PASS	<0.1000	THIACLOPRID	0.1000	ppm	0.2	PASS	<0.1000
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	<0.1000	THIAMETHOXAM	0.1000	ppm	0.2	PASS	<0.1000
COUMAPHOS	0.1000	ppm	1	PASS	<0.1000	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000
CARBARYL	0.1000	ppm	0.2	PASS	<0.1000	CAPTAN *	0.1000	ppm	1	PASS	<0.1000
DAMINOZIDE	0.1000	ppm	1	PASS	<0.1000	CHLORDANE *	0.1000	ppm	1	PASS	<0.1000
CARBOFURAN	0.1000	ppm	0.2	PASS	<0.1000	CHLORFENAPYR *	0.1000	ppm	1	PASS	<0.1000
BOSCALID	0.1000	ppm	0.4	PASS	<0.1000	CYFLUTHRIN *	0.1000	ppm	1	PASS	<0.1000
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	<0.1000	CYPERMETHRIN *	0.1000	ppm	1	PASS	<0.1000
DIAZINON	0.1000	ppm	0.2	PASS	<0.1000	METHYL PARATHION *	0.1000	ppm	0.2	PASS	<0.1000
CLOFENTEZINE	0.1000	ppm	0.2	PASS	<0.1000	MGK-264 *	0.1000	ppm	0.2	PASS	<0.1000
DICHLORVOS	0.1000	ppm	1	PASS	<0.1000	PENTACHLORONITROBENZENE *	0.1000	ppm	1	PASS	<0.1000
DIMETHOATE	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
DIMETHOMORPH	0.1000	ppm	1	PASS	<0.1000	0.5052g					
ETHOPROPHOS	0.1000	ppm	0.2	PASS	<0.1000	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOFENPROX	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date : 12/12/24 07:55:07					
ETOXAZOLE	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
FENHEXAMID	0.1000	ppm	1	PASS	<0.1000	0.5052g					
FENYOXCARB	0.1000	ppm	0.2	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
FENPYROXIMATE	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date : 12/11/24 14:05:26					
FIPRONIL	0.1000	ppm	0.4	PASS	<0.1000	Weight:					
FLONICAMID	0.1000	ppm	1	PASS	<0.1000	0.5052g					
FLUDIOXONIL	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
HEXYTHIAZOX	0.1000	ppm	1	PASS	<0.1000	Analyzed Date : 12/11/24 14:05:26					
IMAZALIL	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
IMIDACLOPRID	0.1000	ppm	0.4	PASS	<0.1000	0.5052g					
KRESOXIM METHYL	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
MALATHION	0.1000	ppm	0.2	PASS	<0.1000	Analyzed Date : 12/11/24 14:05:26					
METALAXYL	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
METHIOCARB	0.1000	ppm	0.2	PASS	<0.1000	0.5052g					
METHOMYL	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
MEVINPHOS	0.1000	ppm	1	PASS	<0.1000	Analyzed Date : 12/11/24 14:05:26					
NALED	0.1000	ppm	0.5	PASS	<0.1000	Weight:					
OXAMYL	0.1000	ppm	1	PASS	<0.1000	0.5052g					

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**Erica Troy**

Lab Director

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## Residual Solvents

**PASSED**

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
1,1,1,2-TETRAFLUOROETHANE	500.0	ppm	1000	PASS	<500.0
DIMETHYL SULFOXIDE	375.0	ppm	5000	PASS	<375.0
1,1,1-TRICHLOROETHANE	375.0	ppm	1500	PASS	<375.0
HEXANE, TOTAL	125.0	ppm	290	PASS	<125.0
PENTANES, TOTAL	125.0	ppm	5000	PASS	<125.0
BUTANES, TOTAL	750.0	ppm	5000	PASS	<750.0
XYLENES, TOTAL	125.0	ppm	2170	PASS	<125.0
1,2-DICHLOROETHANE	1.3	ppm	5	PASS	<1.3
PROPANE	750.0	ppm	5000	PASS	<750.0
METHANOL	125.0	ppm	3000	PASS	<125.0
ETHANOL	125.0	ppm	5000	PASS	412.2
ETHYL ETHER	125.0	ppm	5000	PASS	<125.0
ACETONE	125.0	ppm	5000	PASS	<125.0
2-PROPANOL	125.0	ppm	5000	PASS	<125.0
ACETONITRILE	125.0	ppm	410	PASS	<125.0
DICHLOROMETHANE	125.0	ppm	600	PASS	<125.0
ETHYL ACETATE	125.0	ppm	5000	PASS	<125.0
BENZENE	1.3	ppm	2	PASS	<1.3
N-HEPTANE	125.0	ppm	5000	PASS	<125.0
TOLUENE	125.0	ppm	890	PASS	<125.0
CHLOROFORM	1.3	ppm	60	PASS	<1.3

Weight:  
0.0246g

Analysis Method : SOP.T.40.044.NY  
Analyzed Date : 12/11/24 13:23:10



# Certificate of Analysis

**PASSED**



Bristol Extracts LLC


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Sampling Method : SOP.T.20.010.NY

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<0.0025	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<0.0025	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1		Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<0.0025	PASS	0.02
SALMONELLA SPECIES	1		Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS TERREUS	1		Not Present	PASS		OCHRATOXIN A+	0.0100	ppm	<0.0100	PASS	0.02
ASPERGILLUS NIGER	1		Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS FLAVUS	1		Not Present	PASS							
ASPERGILLUS FUMIGATUS	1		Not Present	PASS		Weight:					
						0.5052g					
						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
						Analyzed Date : 12/12/24 08:04:15					
Weight:											
0.8782g											
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY											
Analyzed Date : 12/13/24 09:47:01											

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	120
ARSENIC	0.1000	ug/g	<0.1000	PASS	1.5
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.5
CHROMIUM	1.0000	ug/g	<1.0000	PASS	1100
COPPER	1.0000	ug/g	<1.0000	PASS	300
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	3
NICKEL	0.1000	ug/g	<0.1000	PASS	20
Weight:					
0.4867g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 12/16/24 10:25:18					

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Pineapple Fire Gummy  
HYBRID  
Matrix : Edible  
Type: Gummy



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**Water Activity**

PASSED

**Homogeneity**

PASSED

Analyte	LOQ	Units	Result	P/F	Action Level	Analyte	LOQ	Units	Pass/Fail	Result	Action Level
Water Activity	0.10	aw	0.52	PASS	0.85	HOM1 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	1.32	25
<b>Weight:</b> 1.4167g						HOM1 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
<b>Analysis Method :</b> SOP.T.40.019 <b>Analyzed Date :</b> 12/12/24 15:51:20						HOM2 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	1.32	25
						HOM2 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
						HOM3 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	1.32	25
						HOM3 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
						HOM4 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	1.32	25
						HOM4 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
						HOM5 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	5.26	25
						HOM5 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25

**Analysis Method :** SOP.T.30.031.NY, SOP.T.40.031.NY  
**Analyzed Date :** 12/11/24 18:40:59

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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