



## SAMPLE INFORMATION

Sample Name: Pineapple Express      Sample Matrix: Concentrate  
Sample Id: 55797      Batch Id: A47-A99  
Collected: 09/05/2018 09:28      Received: 09/10/2018 10:58  
Overall Result: **Pass**

## MANUFACTURER INFO

Business Name: JBTB Holdings, Inc. DBA JBTB Holdings, Inc.  
Street Address: 1031 98th Ave      City: Oakland  
State: CA      Zip Code: 94603  
License: CDPH-T00001060

## CANNABINOID ANALYSIS

**i** Total THC, CBD and Cannabinoid value(s) have been decarboxylated.

TOTAL THC: 757 mg/g (75.7 %)  
TOTAL CBD: ND (ND)  
TOTAL CANNABINOIDS: 811 mg/g (81.1 %)

TEST TYPE RESULT: N/A  
UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	738 mg/g (73.8 %)	1.000	2.00	D8THC	6.83 mg/g (0.683 %)	1.000	2.00
THCa	9.00 mg/g (0.900 %)	1.000	2.00	CBG	22.7 mg/g (2.27 %)	1.000	2.00
CBN	21.4 mg/g (2.14 %)	1.000	2.00	CBD	ND	1.000	2.00
CBDa	ND	1.000	2.00	CBGa	ND	1.000	2.00
THCv	4.38 mg/g (0.438 %)	1.000	2.00	CBC	9.35 mg/g (0.935 %)	1.000	2.00
CBDv	ND	1.000	2.00				

### ADDITIONAL INFORMATION

Method: SOP-TECH-001  
Instrument: HPLC-DAD

Sample Prepped 09/11/2018 13:47  
Sample Analyzed 09/11/2018 20:07

Sample Approved 09/12/2018 14:06



 **CHEMICAL RESIDUE ANALYSIS**

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: **Micrograms per Gram(ug/g)**

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		
Acephate	ND	0.0025	0.0050	0.100	Pass	Acequinocyl	ND	0.0050	0.0250	0.100	Pass
Acetamiprid	ND	0.0025	0.0100	0.100	Pass	Aldicarb	ND	0.0025	0.0100	0.0	Pass
Azoxystrobin	ND	0.0025	0.0100	0.200	Pass	Bifenazate	ND	0.0025	0.0100	0.100	Pass
Bifenthrin	ND	0.0050	0.0250	3.00	Pass	Boscalid	ND	0.0025	0.0100	0.100	Pass
Carbaryl	ND	0.0025	0.0100	0.500	Pass	Carbofuran	ND	0.0025	0.0100	0.0	Pass
Chlorantraniliprole	ND	0.0030	0.0250	10.0	Pass	Chlorfenapyr	ND	0.0500	0.100	0.0	Pass
Chlorpyrifos	ND	0.0025	0.0100	0.0	Pass	Clofentezine	ND	0.0030	0.0250	0.100	Pass
Cypermethrin	ND	0.0100	0.0500	1.00	Pass	Daminozide	ND	0.0050	0.250	0.0	Pass
Dichlorvos	ND	0.0050	0.0500	0.0	Pass	Diazinon	ND	0.0025	0.0100	0.100	Pass
Dimethoate	ND	0.0025	0.0100	0.0	Pass	Ethoprophos	ND	0.0025	0.0100	0.0	Pass
Etofenprox	ND	0.0025	0.0100	0.0	Pass	Etoxazole	ND	0.0025	0.0100	0.100	Pass
Fenoxycarb	ND	0.0025	0.0100	0.0	Pass	Fenpyroximate	ND	0.0025	0.0100	0.100	Pass
Fipronil	ND	0.0250	0.200	0.0	Pass	Fonicamid	ND	0.0050	0.0250	0.100	Pass
Fludioxonil	ND	0.0100	0.0500	0.100	Pass	Hexythiazox	ND	0.0025	0.0250	0.100	Pass
Imazalil	ND	0.0050	0.0250	0.0	Pass	Imidacloprid	ND	0.0050	0.0500	5.00	Pass
KresoximMethyl	ND	0.0025	0.0100	0.100	Pass	Malathion	ND	0.0025	0.0100	5.00	Pass
Metalaxyl	ND	0.0025	0.0100	2.00	Pass	Methiocarb	ND	0.0025	0.0100	0.0	Pass
Methomyl	ND	0.0025	0.0100	1.00	Pass	Myclobutanil	ND	0.0100	0.0500	0.100	Pass
Naled	ND	0.0025	0.0100	0.100	Pass	Oxamyl	ND	0.0250	0.100	0.500	Pass
Paclobutrazol	ND	0.0025	0.0100	0.0	Pass	Phosmet	ND	0.0025	0.0100	0.100	Pass
PiperonylButoxide	ND	0.0025	0.0100	3.00	Pass	Prallethrin	ND	0.0100	0.0500	0.100	Pass
Propoxur	ND	0.0025	0.0100	0.0	Pass	Pyridaben	ND	0.0025	0.0100	0.100	Pass
Spiromesifen	ND	0.0025	0.0100	0.100	Pass	Spirotetramat	ND	0.0025	0.0100	0.100	Pass
Spiroxamine	ND	0.0250	0.0100	0.400	Pass	Tebuconazole	ND	0.0250	0.0100	0.100	Pass
Thiacloprid	ND	0.0025	0.0100	0.0	Pass	Thiamethoxam	ND	0.0025	0.0100	5.00	Pass
Trifloxystrobin	ND	0.0025	0.0100	0.100	Pass	Abamectin	ND	0.0127	0.0635	0.100	Pass
Cyfluthrin	ND	0.100	0.500	2.00	Pass	Permethrins	ND	0.0166	0.0685	0.500	Pass
Propiconazole	ND	0.0051	0.0251	0.100	Pass	Pyrethrins	ND	0.0144	0.0705	0.500	Pass
Spinosad	ND	0.0061	0.0244	0.100	Pass	Coumaphos	ND	0.0025	0.0100	0.0	Pass
Fenhexamid	ND	0.0050	0.0500	0.100	Pass	Spinetoram	ND	0.0030	0.0100	0.100	Pass
Dimethomorph	ND	0.0025	0.0100	2.00	Pass	Mevinphos	ND	0.0020	0.0100	0.0	Pass

**ADDITIONAL INFORMATION**

Method: SOP-TECH-002  
 Instrument: UPLC-MSMS

Sample Prepped 09/11/2018 13:48  
 Sample Analyzed 09/11/2018 20:18

Sample Approved 09/12/2018 22:31



 **CHEMICAL RESIDUE GC ANALYSIS**

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
Chlordane	ND	0.0400	0.100	0.0	Pass	Captan	ND	0.200	0.400	0.700	Pass
PCNB	ND	0.0200	0.0400	0.100	Pass	MethylParathion	ND	0.0400	0.100	0.0	Pass

**ADDITIONAL INFORMATION**

Method: SOP-LAB-007      Sample Prepped 09/11/2018 13:50      Sample Approved 09/12/2018 22:39  
 Instrument: GC-MS/MS      Sample Analyzed 09/11/2018 20:24

 **RESIDUAL SOLVENT ANALYSIS**

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
Chloroform	ND	0.500	1.00	0.0	Pass	Acetone	55.8 ug/g	5.00	10.0	3100	Pass
Methanol	138 ug/g	50.0	100	400	Pass	Ethanol	58.3 ug/g	10.0	50.0	5000	Pass
Benzene	ND	0.500	1.00	0.0	Pass	Toluene	ND	1.00	2.50	30.0	Pass
Pentane	ND	50.0	100	5000	Pass	Hexane	ND	0.500	1.00	70.0	Pass
Heptane	ND	5.00	10.0	5000	Pass	Ethyl Acetate	ND	10.0	50.0	5000	Pass
Propane	ND	100	200	5000	Pass	Acetonitrile	ND	1.00	2.50	6.00	Pass
Ethyl Ether	ND	10.0	50.0	5000	Pass	1,2-Dichloroethane	ND	0.500	1.00	0.0	Pass
Butane	ND	96.0	192	5000	Pass	Methylene chloride	ND	0.500	1.00	0.0	Pass
Ethylene oxide	ND	0.500	1.00	0.0	Pass	Isopropyl Alcohol	85.6 ug/g	5.00	10.0	320	Pass
Trichloroethylene	ND	0.500	1.00	0.0	Pass	Xylenes	ND	1.00	2.00	10.0	Pass

**ADDITIONAL INFORMATION**

Method: SOP-TECH-003      Sample Prepped 09/11/2018 13:46      Sample Approved 09/12/2018 17:08  
 Instrument: HS-GC-FID      Sample Analyzed 09/11/2018 18:39



## MICROBIAL ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	0.0	0.0	33.0 <b>Pass</b>	A. flavus	ND	0.0	0.0	33.0 <b>Pass</b>
A. niger	ND	0.0	0.0	33.0 <b>Pass</b>	A. terreus	ND	0.0	0.0	33.0 <b>Pass</b>
STEC	ND	0.0	0.0	33.0 <b>Pass</b>	Salmonella spp	ND	0.0	0.0	33.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB--00?  
Instrument: qPCR

Sample Prepped 09/11/2018 13:51  
Sample Analyzed 09/11/2018 20:25

Sample Approved 09/13/2018 15:30

## FILTH & FOREIGN MATERIAL

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Filth and Foreign Matter (%)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
SSCD	ND	0.0	0.0	25.0 <b>Pass</b>	Mold	ND	0.0	0.0	25.0 <b>Pass</b>
IF RH ME	ND	0.0	0.0	3.00 <b>Pass</b>	IFM	ND	0.0	0.0	25.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-007  
Instrument: Magnifying Glass

Sample Prepped 09/11/2018 10:14  
Sample Analyzed 09/11/2018 20:25

Sample Approved 09/11/2018 21:26

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

## DATA REVIEWED AND APPROVED BY



09/13/2018

Swetha Kaul, PhD  
Chief Scientific Officer

Date

