

# Full Spectrum Gummies - Pineapple

Sample ID: 2108CSALA6704.6932

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: P150821

Produced: 08/16/2021

Collected: 08/19/2021

Received: 08/19/2021

Completed: 09/09/2021

Client

**MBX Industries**

Lic. #

5615 Industrial Place

Colorado Springs, CO 80916



## Summary

**Pass**

<b>64.8548 mg/serving</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals
<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>Pass</b> <b>0.56 aw</b> Water Activity Water Activity Meter SOP-102 Date Tested: 08/19/2021	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 08/19/2021

## Cannabinoids

**Pass**

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/serving	mg/g
CBD	0.018	0.025	44.1730	7.1189
Δ9-THC	0.021	0.025	8.8723	1.4299
CBT *	0.021	0.098	6.0015	0.9672
CBG	0.023	0.025	2.6153	0.4215
CBC	0.021	0.025	1.2400	0.1998
CBN	0.024	0.025	0.7190	0.1159
CBDV	0.02	0.025	0.6520	0.1051
Δ8-THC	0.022	0.025	0.5818	0.0938
THCV	0.024	0.025	ND	ND
CBCA *	0.022	0.025	ND	ND
CBDa	0.013	0.025	ND	ND
CBDVA *	0.024	0.025	ND	ND
CBGa	0.019	0.025	ND	ND
THCa	0.018	0.025	ND	ND
THCVA *	0.024	0.025	ND	ND

**8.8723 mg/serving**
**Total THC**
**44.1730 mg/serving**
**Total CBD**

1 serving = 1 Gummy, 6.205 grams; 17.0 servings per package; 150.8286 mg/package Total THC; 750.9403 mg/package Total CBD;

Date Tested: 08/19/2021

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

\* Denotes analytes pending ISO-17025 scope addition


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 LABORATORY  
 Accreditation No. 73653



 Neya Jourabchian  
 Laboratory Director  
 09/09/2021



 Brandon Hill  
 COA Review  
 09/09/2021

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### Pesticides

Testing method: LCMS &amp; GCMS-SOP 301 and 302

**Pass**

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0673	0.087	0.3	ND	Pass	Fludioxonil	0.0495	0.0772	30	ND	Pass
Acephate	0.0346	0.0772	5	ND	Pass	Hexythiazox	0.0401	0.0772	2	ND	Pass
Acequinocyl	0.0326	0.0772	4	ND	Pass	Imazalil *	0.047	0.0772	0.047	ND	Pass
Acetamiprid	0.0336	0.0772	5	ND	Pass	Imidacloprid	0.0331	0.0772	3	ND	Pass
Aldicarb *	0.0321	0.0772	0.0321	ND	Pass	Kresoxim Methyl	0.0326	0.0772	1	ND	Pass
Azoxystrobin	0.0331	0.0772	40	ND	Pass	Malathion	0.049	0.0772	5	ND	Pass
Bifenazate	0.0682	0.0772	5	ND	Pass	Metalaxyl	0.0351	0.0772	15	ND	Pass
Bifenthrin	0.0658	0.0772	0.5	<LOQ	Pass	Methiocarb *	0.05	0.0772	0.05	ND	Pass
Boscalid	0.045	0.0772	10	ND	Pass	Methomyl	0.0391	0.0772	0.1	ND	Pass
Captan	0.3165	0.6182	5	ND	Pass	Methyl Parathion *	0.0396	0.0791	0.0396	ND	Pass
Carbaryl	0.0396	0.0772	0.5	ND	Pass	Mevinphos *	0.0336	0.0772	0.0336	ND	Pass
Carbofuran *	0.0336	0.0772	0.0336	ND	Pass	Myclobutanil	0.0608	0.0772	9	ND	Pass
Chlorantraniliprole	0.0326	0.0772	40	ND	Pass	Naled	0.0509	0.0772	0.5	ND	Pass
Chlordane *	0.0247	0.0791	0.0247	ND	Pass	Oxamyl	0.0321	0.0772	0.2	ND	Pass
Chlorfenapyr *	0.0198	0.0791	0.0198	ND	Pass	Paclobutrazol *	0.0613	0.0772	0.0613	ND	Pass
Chlorpyrifos *	0.0326	0.0772	0.0326	ND	Pass	Pentachloronitrobenzene	0.0346	0.0791	0.2	ND	Pass
Clofentezine	0.046	0.0772	0.5	ND	Pass	Permethrin	0.0495	0.0772	20	ND	Pass
Coumaphos *	0.0406	0.0772	0.0406	ND	Pass	Phosmet	0.0331	0.0772	0.2	ND	Pass
Cyfluthrin	0.1464	0.1548	1	ND	Pass	Piperonyl Butoxide	0.0386	0.0772	8	ND	Pass
Cypermethrin	0.0781	0.1548	1	ND	Pass	Prallethrin	0.0401	0.0772	0.4	ND	Pass
Daminozide *	0.043	0.0772	0.043	ND	Pass	Propiconazole	0.0401	0.0772	20	ND	Pass
DDVP *	0.0371	0.0772	0.0371	ND	Pass	Propoxur *	0.041	0.0772	0.041	ND	Pass
Diazinon	0.0302	0.0772	0.2	ND	Pass	Pyrethrins	0.1864	0.2186	1	ND	Pass
Dimethoate *	0.0272	0.0772	0.0272	ND	Pass	Pyridaben	0.0282	0.0579	3	ND	Pass
Dimethomorph	0.0326	0.0772	20	ND	Pass	Spinetoram	0.0415	0.0772	3	ND	Pass
Ethoprophos *	0.0292	0.0772	0.0292	ND	Pass	Spinosad	0.0381	0.0772	3	ND	Pass
Etofenprox *	0.0376	0.0772	0.0376	ND	Pass	Spiromesifen	0.0376	0.0772	12	ND	Pass
Etoxazole	0.0336	0.0772	1.5	ND	Pass	Spirotetramat	0.0302	0.0772	13	ND	Pass
Fenhexamid	0.0707	0.0772	10	ND	Pass	Spiroxamine *	0.0307	0.0772	0.0307	ND	Pass
Fenoxycarb *	0.0277	0.0772	0.0277	ND	Pass	Tebuconazole	0.0336	0.0772	2	ND	Pass
Fenpyroximate	0.0252	0.0772	2	ND	Pass	Thiacloprid *	0.0326	0.0772	0.0326	ND	Pass
Fipronil *	0.0564	0.0772	0.0564	ND	Pass	Thiamethoxam	0.0386	0.0772	4.5	ND	Pass
Flonicamid	0.0425	0.0772	2	ND	Pass	Trifloxystrobin	0.0391	0.0772	30	ND	Pass

Date Tested: 08/19/2021

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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### Microbials

Testing method: PCR-SOP 401

Pass

Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

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### Mycotoxins

Testing method: LCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.9782	3.9565		ND	Tested
Aflatoxin B2	2.9674	3.9565		ND	Tested
Aflatoxin G1	2.4728	3.9565		ND	Tested
Aflatoxin G2	2.9674	3.9565		ND	Tested
Total Aflatoxins	10.3858	15.8259	20	ND	Pass
Ochratoxin A	6.4293	15.3314	20	ND	Pass

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### Heavy Metals

Testing method: ICPMS-SOP 502

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.005	0.0496	1.5	<LOQ	Pass
Cadmium	0.003	0.0496	0.5	<LOQ	Pass
Lead	0.0099	0.0496	0.5	0.053	Pass
Mercury	0.002	0.0496	3	<LOQ	Pass

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### Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.074	0.9254	1	ND	Pass
Acetone	8.5138	46.2706	5000	ND	Pass
Acetonitrile	16.1762	54.007	410	ND	Pass
Benzene	0.074	0.9254	1	ND	Pass
Butane	32.6855	109.0135	5000	ND	Pass
Chloroform	0.1851	0.9254	1	ND	Pass
Ethanol	13.8442	46.2706	5000	<LOQ	Pass
Ethyl acetate	11.8453	46.2706	5000	ND	Pass
Ethylene Oxide	0.2591	0.9254	1	ND	Pass
Ethyl ether	14.8066	49.38	5000	ND	Pass
Heptane	38.9783	130.0019	5000	ND	Pass
Isopropyl alcohol	18.3232	61.1142	5000	ND	Pass
Methanol	137.8864	459.9297	3000	ND	Pass
Methylene chloride	0.111	0.9254	1	ND	Pass
Hexane	31.464	104.9047	290	ND	Pass
Pentane	25.9856	86.6926	5000	ND	Pass
Propane	39.2745	131.0013	5000	ND	Pass
Toluene	22.2099	74.07	890	ND	Pass
Trichloroethylene	0.074	0.9254	1	ND	Pass
Total xylenes	60.633	202.184	2170	ND	Pass

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