

Full Spectrum Gummies - Grape

Sample ID: 2108CSALA6704.6933

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: P180821

Produced: 08/11/2021

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

54.4852 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.58 aw Water Activity Water Activity Meter SOP-102 Date Tested: 08/19/2021	Pass 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	39.7498	6.3346
Δ9-THC	0.021	0.025	8.5327	1.3598
CBT *	0.021	0.098	2.6357	0.4200
CBG	0.023	0.025	1.5041	0.2397
Δ8-THC	0.022	0.025	0.6212	0.0990
CBC	0.021	0.025	0.5542	0.0883
CBN	0.024	0.025	0.4460	0.0711
CBDV	0.02	0.025	0.4415	0.0704
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

8.5327 mg/serving
Total THC
39.7498 mg/serving
Total CBD

1 serving = 1 Gummy, 6.275 grams; 19.0 servings per package; 162.1217 mg/package Total THC; 755.2465 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


 ISO / IEC 17025:2017 ACCREDITED
 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 & 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	0.0672	0.087	0.3	ND	Pass	Fludioxonil	0.0494	0.0771	30	ND	Pass
Acephate	0.0346	0.0771	5	ND	Pass	Hexythiazox	0.04	0.0771	2	ND	Pass
Acequinocyl	0.0326	0.0771	4	ND	Pass	Imazalil *	0.0469	0.0771	0.0469	ND	Pass
Acetamiprid	0.0336	0.0771	5	ND	Pass	Imidacloprid	0.0331	0.0771	3	ND	Pass
Aldicarb *	0.0321	0.0771	0.0321	ND	Pass	Kresoxim Methyl	0.0326	0.0771	1	ND	Pass
Azoxystrobin	0.0331	0.0771	40	ND	Pass	Malathion	0.0489	0.0771	5	ND	Pass
Bifenazate	0.0682	0.0771	5	ND	Pass	Metalaxyl	0.0351	0.0771	15	ND	Pass
Bifenthrin	0.0657	0.0771	0.5	ND	Pass	Methiocarb *	0.0499	0.0771	0.0499	ND	Pass
Boscalid	0.045	0.0771	10	ND	Pass	Methomyl	0.039	0.0771	0.1	ND	Pass
Captan	0.3162	0.6176	5	ND	Pass	Methyl Parathion *	0.0395	0.0791	0.0395	ND	Pass
Carbaryl	0.0395	0.0771	0.5	ND	Pass	Mevinphos *	0.0336	0.0771	0.0336	ND	Pass
Carbofuran *	0.0336	0.0771	0.0336	ND	Pass	Myclobutanil	0.0608	0.0771	9	ND	Pass
Chlorantraniliprole	0.0326	0.0771	40	ND	Pass	Naled	0.0509	0.0771	0.5	ND	Pass
Chlordane *	0.0247	0.0791	0.0247	ND	Pass	Oxamyl	0.0321	0.0771	0.2	ND	Pass
Chlorfenapyr *	0.0198	0.0791	0.0198	ND	Pass	Paclobutrazol *	0.0613	0.0771	0.0613	ND	Pass
Chlorpyrifos *	0.0326	0.0771	0.0326	ND	Pass	Pentachloronitrobenzene	0.0346	0.0791	0.2	ND	Pass
Clofentezine	0.0459	0.0771	0.5	ND	Pass	Permethrin	0.0494	0.0771	20	ND	Pass
Coumaphos *	0.0405	0.0771	0.0405	ND	Pass	Phosmet	0.0331	0.0771	0.2	ND	Pass
Cyfluthrin	0.1462	0.1546	1	ND	Pass	Piperonyl Butoxide	0.0385	0.0771	8	ND	Pass
Cypermethrin	0.0781	0.1546	1	ND	Pass	Prallethrin	0.04	0.0771	0.4	ND	Pass
Daminozide *	0.043	0.0771	0.043	ND	Pass	Propiconazole	0.04	0.0771	20	ND	Pass
DDVP *	0.0371	0.0771	0.0371	ND	Pass	Propoxur *	0.041	0.0771	0.041	ND	Pass
Diazinon	0.0301	0.0771	0.2	ND	Pass	Pyrethrins	0.1863	0.2184	1	ND	Pass
Dimethoate *	0.0272	0.0771	0.0272	ND	Pass	Pyridaben	0.0282	0.0578	3	ND	Pass
Dimethomorph	0.0326	0.0771	20	ND	Pass	Spinetoram	0.0415	0.0771	3	ND	Pass
Ethoprophos *	0.0292	0.0771	0.0292	ND	Pass	Spinosad	0.038	0.0771	3	ND	Pass
Etofenprox *	0.0375	0.0771	0.0375	ND	Pass	Spiromesifen	0.0375	0.0771	12	ND	Pass
Etoxazole	0.0336	0.0771	1.5	ND	Pass	Spirotetramat	0.0301	0.0771	13	ND	Pass
Fenhexamid	0.0707	0.0771	10	ND	Pass	Spiroxamine *	0.0306	0.0771	0.0306	ND	Pass
Fenoxycarb *	0.0277	0.0771	0.0277	ND	Pass	Tebuconazole	0.0336	0.0771	2	ND	Pass
Fenpyroximate	0.0252	0.0771	2	ND	Pass	Thiacloprid *	0.0326	0.0771	0.0326	ND	Pass
Fipronil *	0.0563	0.0771	0.0563	ND	Pass	Thiamethoxam	0.0385	0.0771	4.5	ND	Pass
Flonicamid	0.0425	0.0771	2	ND	Pass	Trifloxystrobin	0.039	0.0771	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

Pass

Testing method: PCR-SOP 401

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

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Mycotoxins

Pass

Testing method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.9763	3.9526		ND	Tested
Aflatoxin B2	2.9644	3.9526		ND	Tested
Aflatoxin G1	2.4704	3.9526		ND	Tested
Aflatoxin G2	2.9644	3.9526		ND	Tested
Total Aflatoxins	10.3755	15.8103	20	ND	Pass
Ochratoxin A	6.4229	15.3162	20	ND	Pass

Date Tested: 08/19/2021

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Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.005	0.0498	1.5	<LOQ	Pass
Cadmium	0.003	0.0498	0.5	<LOQ	Pass
Lead	0.01	0.0498	0.5	0.130	Pass
Mercury	0.002	0.0498	3	<LOQ	Pass

Date Tested: 08/19/2021

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Residual Solvents

Pass

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.0773	0.9664	1	ND	Pass
Acetone	8.8906	48.3185	5000	ND	Pass
Acetonitrile	16.8922	56.3974	410	ND	Pass
Benzene	0.0773	0.9664	1	ND	Pass
Butane	34.1322	113.8384	5000	ND	Pass
Chloroform	0.1933	0.9664	1	ND	Pass
Ethanol	14.4569	48.3185	5000	1132.4	Pass
Ethyl acetate	12.3695	48.3185	5000	ND	Pass
Ethylene Oxide	0.2706	0.9664	1	ND	Pass
Ethyl ether	15.4619	51.5655	5000	ND	Pass
Heptane	40.7035	135.7557	5000	ND	Pass
Isopropyl alcohol	19.1341	63.8191	5000	ND	Pass
Methanol	143.9892	480.286	3000	ND	Pass
Methylene chloride	0.116	0.9664	1	ND	Pass
Hexane	32.8566	109.5477	290	ND	Pass
Pentane	27.1357	90.5296	5000	ND	Pass
Propane	41.0128	136.7994	5000	ND	Pass
Toluene	23.1929	77.3483	890	ND	Pass
Trichloroethylene	0.0773	0.9664	1	ND	Pass
Total xylenes	63.3166	211.1326	2170	ND	Pass

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