

Full Spectrum Gummies - Pomegranate

Sample ID: 2108CSALA6704.6934

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: P130821

Produced: 08/12/2021

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

51.1369 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.56 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	37.4108	6.1683
Δ9-THC	0.021	0.025	7.9755	1.3150
CBT *	0.021	0.098	2.4305	0.4007
CBG	0.023	0.025	1.4186	0.2339
Δ8-THC	0.022	0.025	0.5499	0.0907
CBC	0.021	0.025	0.5264	0.0868
CBN	0.024	0.025	0.4190	0.0691
CBDV	0.02	0.025	0.4062	0.0670
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

7.9755 mg/serving
Total THC
37.4108 mg/serving
Total CBD

1 serving = 1 Gummy, 6.065 grams; 14.0 servings per package; 111.6566

mg/package Total THC; 523.7508 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



 Neyajourbchian
 Laboratory Director
 09/09/2021



 Brandon Hill
 COA Review
 09/09/2021

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.

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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	0.0669	0.0865	0.3	ND	Pass	Fludioxonil	0.0492	0.0767	30	ND	Pass
Acephate	0.0344	0.0767	5	ND	Pass	Hexythiazox	0.0398	0.0767	2	ND	Pass
Acequinocyl	0.0324	0.0767	4	ND	Pass	Imazalil *	0.0467	0.0767	0.0467	ND	Pass
Acetamiprid	0.0334	0.0767	5	ND	Pass	Imidacloprid	0.0329	0.0767	3	ND	Pass
Aldicarb *	0.032	0.0767	0.032	ND	Pass	Kresoxim Methyl	0.0324	0.0767	1	ND	Pass
Azoxystrobin	0.0329	0.0767	40	ND	Pass	Malathion	0.0487	0.0767	5	ND	Pass
Bifenazate	0.0678	0.0767	5	ND	Pass	Metalaxyl	0.0349	0.0767	15	ND	Pass
Bifenthrin	0.0654	0.0767	0.5	ND	Pass	Methiocarb *	0.0497	0.0767	0.0497	ND	Pass
Boscalid	0.0447	0.0767	10	ND	Pass	Methomyl	0.0388	0.0767	0.1	ND	Pass
Captan	0.3147	0.6146	5	ND	Pass	Methyl Parathion *	0.0393	0.0787	0.0393	ND	Pass
Carbaryl	0.0393	0.0767	0.5	ND	Pass	Mevinphos *	0.0334	0.0767	0.0334	ND	Pass
Carbofuran *	0.0334	0.0767	0.0334	ND	Pass	Myclobutanil	0.0605	0.0767	9	ND	Pass
Chlorantranilprole	0.0324	0.0767	40	ND	Pass	Naled	0.0506	0.0767	0.5	ND	Pass
Chlordane *	0.0246	0.0787	0.0246	ND	Pass	Oxamyl	0.032	0.0767	0.2	ND	Pass
Chlorfenapyr *	0.0197	0.0787	0.0197	ND	Pass	Paclobutrazol *	0.061	0.0767	0.061	ND	Pass
Chlorpyrifos *	0.0324	0.0767	0.0324	ND	Pass	Pentachloronitrobenzene	0.0344	0.0787	0.2	ND	Pass
Clofentezine	0.0457	0.0767	0.5	ND	Pass	Permethrin	0.0492	0.0767	20	ND	Pass
Coumaphos *	0.0403	0.0767	0.0403	ND	Pass	Phosmet	0.0329	0.0767	0.2	ND	Pass
Cyfluthrin	0.1455	0.1539	1	ND	Pass	Piperonyl Butoxide	0.0383	0.0767	8	ND	Pass
Cypermethrin	0.0777	0.1539	1	ND	Pass	Prallethrin	0.0398	0.0767	0.4	ND	Pass
Daminozide *	0.0428	0.0767	0.0428	ND	Pass	Propiconazole	0.0398	0.0767	20	ND	Pass
DDVP *	0.0369	0.0767	0.0369	ND	Pass	Propoxur *	0.0408	0.0767	0.0408	ND	Pass
Diazinon	0.03	0.0767	0.2	ND	Pass	Pyrethrins	0.1853	0.2173	1	ND	Pass
Dimethoate *	0.027	0.0767	0.027	ND	Pass	Pyridaben	0.028	0.0575	3	ND	Pass
Dimethomorph	0.0324	0.0767	20	ND	Pass	Spinetoram	0.0413	0.0767	3	ND	Pass
Ethoprophos *	0.029	0.0767	0.029	ND	Pass	Spinosad	0.0379	0.0767	3	ND	Pass
Etofenprox *	0.0374	0.0767	0.0374	ND	Pass	Spiromesifen	0.0374	0.0767	12	ND	Pass
Etoxazole	0.0334	0.0767	1.5	ND	Pass	Spirotetramat	0.03	0.0767	13	ND	Pass
Fenhexamid	0.0703	0.0767	10	ND	Pass	Spiroxamine *	0.0305	0.0767	0.0305	ND	Pass
Fenoxycarb *	0.0275	0.0767	0.0275	ND	Pass	Tebuconazole	0.0334	0.0767	2	ND	Pass
Fenpyroximate	0.0251	0.0767	2	ND	Pass	Thiacloprid *	0.0324	0.0767	0.0324	ND	Pass
Fipronil *	0.056	0.0767	0.056	ND	Pass	Thiamethoxam	0.0383	0.0767	4.5	ND	Pass
Flonicamid	0.0423	0.0767	2	ND	Pass	Trifloxystrobin	0.0388	0.0767	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	1.9666	3.9331		ND	Tested
Aflatoxin B2	2.9499	3.9331		ND	Tested
Aflatoxin G1	2.4582	3.9331		ND	Tested
Aflatoxin G2	2.9499	3.9331		ND	Tested
Total Aflatoxins	10.3245	15.7325	20	ND	Pass
Ochratoxin A	6.3913	15.2409	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	0.0049	0.049	1.5	<LOQ	Pass
Cadmium	0.0029	0.049	0.5	<LOQ	Pass
Lead	0.0098	0.049	0.5	0.089	Pass
Mercury	0.002	0.049	3	<LOQ	Pass

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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	0.0741	0.9258	1	ND	Pass
Acetone	8.5169	46.2877	5000	ND	Pass
Acetonitrile	16.1822	54.027	410	ND	Pass
Benzene	0.0741	0.9258	1	ND	Pass
Butane	32.6976	109.0539	5000	ND	Pass
Chloroform	0.1852	0.9258	1	ND	Pass
Ethanol	13.8493	46.2877	5000	1351.9	Pass
Ethyl acetate	11.8497	46.2877	5000	ND	Pass
Ethylene Oxide	0.2592	0.9258	1	ND	Pass
Ethyl ether	14.8121	49.3983	5000	ND	Pass
Heptane	38.9928	130.05	5000	ND	Pass
Isopropyl alcohol	18.3299	61.1368	5000	ND	Pass
Methanol	137.9374	460.1	3000	ND	Pass
Methylene chloride	0.1111	0.9258	1	ND	Pass
Hexane	31.4757	104.9435	290	ND	Pass
Pentane	25.9952	86.7247	5000	ND	Pass
Propane	39.289	131.0498	5000	ND	Pass
Toluene	22.2181	74.0974	890	ND	Pass
Trichloroethylene	0.0741	0.9258	1	ND	Pass
Total xylenes	60.6554	202.2588	2170	ND	Pass

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