

Pomegranate FS

Sample ID: 2109CSALA7049.8074

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: P080921

Produced: 09/14/2021

Collected: 09/17/2021

Received: 09/17/2021

Completed: 09/20/2021

Client
Koi CBD Testing
Lic. #

5615 Industrial Place

Colorado Springs, CO 80916



Summary

Pass

38.1721 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.61 aw Water Activity Water Activity Meter SOP-102 Date Tested: 09/17/2021	Pass Foreign Matter Visual Inspection SOP-600 Date Tested: 09/17/2021

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	24.8244	4.2240
Δ9-THC	0.021	0.025	5.3495	0.9102
CBT *	0.021	0.098	5.1804	0.8815
CBG	0.023	0.025	1.5333	0.2609
CBC	0.021	0.025	0.7175	0.1221
CBDV	0.02	0.025	0.3169	0.0539
CBN	0.024	0.025	0.2501	0.0426
Δ8-THC	0.022	0.025	ND	ND
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

5.3495 mg/serving Total THC	24.8244 mg/serving Total CBD
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1 serving = 1 gummy, 5.877 grams; 20.0 servings per package; 106.9902

mg/package Total THC; 496.4884 mg/package Total CBD;

Date Tested: 09/17/2021

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
 09/20/2021



 Brandon Hill
 COA Review
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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	0.0673	0.0871	0.3	ND	Pass	Fludioxonil	0.0495	0.0772	30	ND	Pass
Acephate	0.0347	0.0772	5	ND	Pass	Hexythiazox	0.0401	0.0772	2	ND	Pass
Acequinocyl	0.0327	0.0772	4	ND	Pass	Imazalil *	0.047	0.0772	0.047	ND	Pass
Acetamiprid	0.0337	0.0772	5	ND	Pass	Imidacloprid	0.0332	0.0772	3	ND	Pass
Aldicarb *	0.0322	0.0772	0.0322	ND	Pass	Kresoxim Methyl	0.0327	0.0772	1	ND	Pass
Azoxystrobin	0.0332	0.0772	40	ND	Pass	Malathion	0.049	0.0772	5	ND	Pass
Bifenazate	0.0683	0.0772	5	ND	Pass	Metalaxyl	0.0351	0.0772	15	ND	Pass
Bifenthrin	0.0658	0.0772	0.5	ND	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	0.3168	0.6188	5	ND	Pass	Methyl Parathion *	0.0396	0.0792	0.0396	ND	Pass
Carbaryl	0.0396	0.0772	0.5	ND	Pass	Mevinphos *	0.0337	0.0772	0.0337	ND	Pass
Carbofuran *	0.0337	0.0772	0.0337	ND	Pass	Myclobutanil	0.0609	0.0772	9	ND	Pass
Chlorantraniliprole	0.0327	0.0772	40	ND	Pass	Naled	0.051	0.0772	0.5	ND	Pass
Chlordane *	0.0248	0.0792	0.0248	ND	Pass	Oxamyl	0.0322	0.0772	0.2	ND	Pass
Chlorfenapyr *	0.0198	0.0792	0.0198	ND	Pass	Paclobutrazol *	0.0614	0.0772	0.0614	ND	Pass
Chlorpyrifos *	0.0327	0.0772	0.0327	ND	Pass	Pentachloronitrobenzene	0.0347	0.0792	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	0.0332	0.0772	0.2	ND	Pass
Cyfluthrin	0.1465	0.155	1	ND	Pass	Piperonyl Butoxide	0.0386	0.0772	8	ND	Pass
Cypermethrin	0.0782	0.155	1	ND	Pass	Prallethrin	0.0401	0.0772	0.4	ND	Pass
Daminozide *	0.0431	0.0772	0.0431	ND	Pass	Propiconazole	0.0401	0.0772	20	ND	Pass
DDVP *	0.0371	0.0772	0.0371	ND	Pass	Propoxur *	0.0411	0.0772	0.0411	ND	Pass
Diazinon	0.0302	0.0772	0.2	ND	Pass	Pyrethrins	0.1866	0.2188	1	ND	Pass
Dimethoate *	0.0272	0.0772	0.0272	ND	Pass	Pyridaben	0.0282	0.0579	3	ND	Pass
Dimethomorph	0.0327	0.0772	20	ND	Pass	Spinetoram	0.0416	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	0.0337	0.0772	1.5	ND	Pass	Spirotetramat	0.0302	0.0772	13	ND	Pass
Fenhexamid	0.0708	0.0772	10	ND	Pass	Spiroxamine *	0.0307	0.0772	0.0307	ND	Pass
Fenoxycarb *	0.0277	0.0772	0.0277	ND	Pass	Tebuconazole	0.0337	0.0772	2	ND	Pass
Fenpyroximate	0.0252	0.0772	2	ND	Pass	Thiacloprid *	0.0327	0.0772	0.0327	ND	Pass
Fipronil *	0.0564	0.0772	0.0564	ND	Pass	Thiamethoxam	0.0386	0.0772	4.5	ND	Pass
Fonicamid	0.0426	0.0772	2	ND	Pass	Trifloxystrobin	0.0391	0.0772	30	ND	Pass

Date Tested: 09/17/2021

* 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	1.9802	3.9604		ND	Tested
Aflatoxin B2	2.9703	3.9604		ND	Tested
Aflatoxin G1	2.4752	3.9604		ND	Tested
Aflatoxin G2	2.9703	3.9604		ND	Tested
Total Aflatoxins	10.396	15.8416	20	ND	Pass
Ochratoxin A	6.4356	15.3465	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	0.0494	1.5	<LOQ	Pass
Cadmium	0.003	0.0494	0.5	<LOQ	Pass
Lead	0.0099	0.0494	0.5	<LOQ	Pass
Mercury	0.002	0.0494	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	0.0742	0.9273	1	ND	Pass
Acetone	8.5312	46.365	5000	ND	Pass
Acetonitrile	16.2092	54.1172	410	ND	Pass
Benzene	0.0742	0.9273	1	ND	Pass
Butane	32.7522	109.2359	5000	ND	Pass
Chloroform	0.1855	0.9273	1	ND	Pass
Ethanol	13.8724	46.365	5000	361.4	Pass
Ethyl acetate	11.8694	46.365	5000	ND	Pass
Ethylene Oxide	0.2596	0.9273	1	ND	Pass
Ethyl ether	14.8368	49.4807	5000	ND	Pass
Heptane	39.0579	130.2671	5000	ND	Pass
Isopropyl alcohol	18.3605	61.2389	5000	ND	Pass
Methanol	138.1677	460.868	3000	ND	Pass
Methylene chloride	0.1113	0.9273	1	ND	Pass
Hexane	31.5282	105.1187	290	ND	Pass
Pentane	26.0386	86.8694	5000	ND	Pass
Propane	39.3546	131.2685	5000	ND	Pass
Toluene	22.2552	74.2211	890	ND	Pass
Trichloroethylene	0.0742	0.9273	1	ND	Pass
Total xylenes	60.7567	202.5964	2170	ND	Pass

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