

GRAPE FS

Sample ID: 2109CSALA7049.8073

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: G130921

Produced: 09/15/2021

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

47.0696 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.59 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	30.3608	4.3373
Δ9-THC	0.021	0.025	6.8059	0.9723
CBT *	0.02	0.098	6.4956	0.9279
CBG	0.023	0.025	1.8685	0.2669
CBC	0.021	0.025	0.8866	0.1267
CBDV	0.024	0.025	0.3765	0.0538
CBN	0.024	0.025	0.2757	0.0394
Δ8-THC	0.022	0.025	<LOQ	<1mg/g
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

6.8059 mg/serving Total THC	30.3608 mg/serving Total CBD
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1 serving = 1 gummy, 7.0 grams; 20.0 servings per package; 136.117 mg/package Total THC; 607.2165 mg/package Total CBD;

Date Tested: 09/18/2021

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
09/20/2021

Brandon Hill
COA Review
09/20/2021

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Pesticides

Pass

Testing method: LCMS & GCMS-SOP 301 and 302

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	0.068	0.088	0.3	ND	Pass	Fludioxonil	0.05	0.078	30	ND	Pass
Acephate	0.035	0.078	5	ND	Pass	Hexythiazox	0.0405	0.078	2	ND	Pass
Acequinocyl	0.033	0.078	4	ND	Pass	Imazalil *	0.0475	0.078	0.0475	ND	Pass
Acetamiprid	0.034	0.078	5	ND	Pass	Imidacloprid	0.0335	0.078	3	ND	Pass
Aldicarb *	0.0325	0.078	0.0325	ND	Pass	Kresoxim Methyl	0.033	0.078	1	ND	Pass
Azoxystrobin	0.0335	0.078	40	ND	Pass	Malathion	0.0495	0.078	5	ND	Pass
Bifenazate	0.069	0.078	5	ND	Pass	Metalaxyl	0.0355	0.078	15	ND	Pass
Bifenthrin	0.0665	0.078	0.5	ND	Pass	Methiocarb *	0.0505	0.078	0.0505	ND	Pass
Boscalid	0.0455	0.078	10	ND	Pass	Methomyl	0.0395	0.078	0.1	ND	Pass
Captan	0.32	0.625	5	ND	Pass	Methyl Parathion *	0.04	0.08	0.04	ND	Pass
Carbaryl	0.04	0.078	0.5	ND	Pass	Mevinphos *	0.034	0.078	0.034	ND	Pass
Carbofuran *	0.034	0.078	0.034	ND	Pass	Myclobutanil	0.0615	0.078	9	ND	Pass
Chlorantranilprole	0.033	0.078	40	ND	Pass	Naled	0.0515	0.078	0.5	ND	Pass
Chlordane *	0.025	0.08	0.025	ND	Pass	Oxamyl	0.0325	0.078	0.2	ND	Pass
Chlorfenapyr *	0.02	0.08	0.02	ND	Pass	Paclobutrazol *	0.062	0.078	0.062	ND	Pass
Chlorpyrifos *	0.033	0.078	0.033	ND	Pass	Pentachloronitrobenzene	0.035	0.08	0.2	ND	Pass
Clofentezine	0.0465	0.078	0.5	ND	Pass	Permethrin	0.05	0.078	20	ND	Pass
Coumaphos *	0.041	0.078	0.041	ND	Pass	Phosmet	0.0335	0.078	0.2	ND	Pass
Cyfluthrin	0.148	0.1565	1	ND	Pass	Piperonyl Butoxide	0.039	0.078	8	ND	Pass
Cypermethrin	0.079	0.1565	1	ND	Pass	Prallethrin	0.0405	0.078	0.4	ND	Pass
Daminozide *	0.0435	0.078	0.0435	ND	Pass	Propiconazole	0.0405	0.078	20	ND	Pass
DDVP *	0.0375	0.078	0.0375	ND	Pass	Propoxur *	0.0415	0.078	0.0415	ND	Pass
Diazinon	0.0305	0.078	0.2	ND	Pass	Pyrethrins	0.1885	0.221	1	ND	Pass
Dimethoate *	0.0275	0.078	0.0275	ND	Pass	Pyridaben	0.0285	0.0585	3	ND	Pass
Dimethomorph	0.033	0.078	20	ND	Pass	Spinetoram	0.042	0.078	3	ND	Pass
Ethoprophos *	0.0295	0.078	0.0295	ND	Pass	Spinosad	0.0385	0.078	3	ND	Pass
Etofenprox *	0.038	0.078	0.038	ND	Pass	Spiromesifen	0.038	0.078	12	ND	Pass
Etoxazole	0.034	0.078	1.5	ND	Pass	Spirotetramat	0.0305	0.078	13	ND	Pass
Fenhexamid	0.0715	0.078	10	ND	Pass	Spiroxamine *	0.031	0.078	0.031	ND	Pass
Fenoxycarb *	0.028	0.078	0.028	ND	Pass	Tebuconazole	0.034	0.078	2	ND	Pass
Fenpyroximate	0.0255	0.078	2	ND	Pass	Thiacloprid *	0.033	0.078	0.033	ND	Pass
Fipronil *	0.057	0.078	0.057	ND	Pass	Thiamethoxam	0.039	0.078	4.5	ND	Pass
Flonicamid	0.043	0.078	2	ND	Pass	Trifloxystrobin	0.0395	0.078	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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 Neyajourbchian
 Laboratory Director
 09/20/2021



 Brandon Hill
 COA Review
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GRAPE FS

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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

Date Tested: 09/20/2021

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

Mycotoxins

Testing method: LCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	2.0	4.0		ND	Tested
Aflatoxin B2	3.0	4.0		ND	Tested
Aflatoxin G1	2.5	4.0		ND	Tested
Aflatoxin G2	3.0	4.0		ND	Tested
Total Aflatoxins	10.5	16.0	20	ND	Pass
Ochratoxin A	6.5	15.5	20	ND	Pass

Date Tested: 09/17/2021

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

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	ND	Pass
Lead	0.0099	0.0496	0.5	0.053	Pass
Mercury	0.002	0.0496	3	<LOQ	Pass

Date Tested: 09/20/2021

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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	0.0767	0.9593	1	ND	Pass
Acetone	8.8258	47.9662	5000	ND	Pass
Acetonitrile	16.769	55.9862	410	ND	Pass
Benzene	0.0767	0.9593	1	ND	Pass
Butane	33.8833	113.0084	5000	ND	Pass
Chloroform	0.1919	0.9593	1	ND	Pass
Ethanol	14.3515	47.9662	5000	<LOQ	Pass
Ethyl acetate	12.2794	47.9662	5000	ND	Pass
Ethylene Oxide	0.2686	0.9593	1	ND	Pass
Ethyl ether	15.3492	51.1896	5000	ND	Pass
Heptane	40.4068	134.7659	5000	ND	Pass
Isopropyl alcohol	18.9946	63.3538	5000	ND	Pass
Methanol	142.9394	476.7843	3000	ND	Pass
Methylene chloride	0.1151	0.9593	1	ND	Pass
Hexane	32.617	108.749	290	ND	Pass
Pentane	26.9378	89.8695	5000	ND	Pass
Propane	40.7137	135.802	5000	ND	Pass
Toluene	23.0238	76.7843	890	ND	Pass
Trichloroethylene	0.0767	0.9593	1	ND	Pass
Total xylenes	62.855	209.5932	2170	ND	Pass

Date Tested: 09/17/2021

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 Laboratory Director
 09/20/2021



 Brandon Hill
 COA Review
 09/20/2021

Pineapple FS

Sample ID: 2109CSALA7049.8075

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: PA070921

Produced: N/A

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

38.3117 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.65 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	24.9305	4.1475
Δ9-THC	0.021	0.025	5.3794	0.8949
CBT *	0.021	0.098	5.1483	0.8565
CBG	0.023	0.025	1.5627	0.2600
CBC	0.021	0.025	0.7327	0.1219
CBDV	0.02	0.025	0.3221	0.0536
CBN	0.024	0.025	0.2360	0.0393
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

5.3794 mg/serving Total THC	24.9305 mg/serving Total CBD
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1 serving = 1 gummy, 6.011 grams; 20.0 servings per package; 107.5873 mg/package Total THC; 498.6092 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



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Neyajourabchian

Neya Jourabchian
Laboratory Director
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Brandon Hill

Brandon Hill
COA Review
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Colorado Springs, CO 80916

Pesticides

Pass

Testing method: LCMS & GCMS-SOP 301 and 302

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
Chlorantranilprole	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
Flonicamid	0.0426	0.0772	2	ND	Pass	Trifloxystrobin	0.0391	0.0772	30	ND	Pass

Date Tested: 09/17/2021

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Pineapple FS

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Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

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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

Date Tested: 09/20/2021

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

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

Date Tested: 09/17/2021

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

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	ND	Pass
Lead	0.0098	0.049	0.5	0.049	Pass
Mercury	0.002	0.049	3	<LOQ	Pass

Date Tested: 09/20/2021

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Pineapple FS

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Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: PA070921

Produced: N/A

Collected: 09/17/2021

Received: 09/17/2021

Completed: 09/20/2021

Client

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Lic. #

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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	0.0749	0.9367	1	ND	Pass
Acetone	8.6175	46.834	5000	ND	Pass
Acetonitrile	16.3732	54.6647	410	ND	Pass
Benzene	0.0749	0.9367	1	ND	Pass
Butane	33.0836	110.341	5000	ND	Pass
Chloroform	0.1873	0.9367	1	ND	Pass
Ethanol	14.0127	46.834	5000	134.5	Pass
Ethyl acetate	11.9895	46.834	5000	ND	Pass
Ethylene Oxide	0.2623	0.9367	1	ND	Pass
Ethyl ether	14.9869	49.9813	5000	ND	Pass
Heptane	39.453	131.5849	5000	ND	Pass
Isopropyl alcohol	18.5463	61.8584	5000	ND	Pass
Methanol	139.5654	465.5302	3000	ND	Pass
Methylene chloride	0.1124	0.9367	1	ND	Pass
Hexane	31.8471	106.1821	290	ND	Pass
Pentane	26.302	87.7482	5000	ND	Pass
Propane	39.7527	132.5965	5000	ND	Pass
Toluene	22.4803	74.9719	890	ND	Pass
Trichloroethylene	0.0749	0.9367	1	ND	Pass
Total xylenes	61.3713	204.6459	2170	ND	Pass

Date Tested: 09/17/2021

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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

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* Denotes analytes pending ISO-17025 scope addition



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LABORATORY
Accreditation No. 73653

Neyajourabchian

Neya Jourabchian
Laboratory Director
09/20/2021

Brandon Hill

Brandon Hill
COA Review
09/20/2021

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

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Pesticides

Pass

Testing method: LCMS & GCMS-SOP 301 and 302

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
Flonicamid	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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 Neyajourabchian
 Laboratory Director
 09/20/2021



 Brandon Hill
 COA Review
 09/20/2021

Pomegranate FS

Sample ID: 2109CSALA7049.8074

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 150000 units

Batch#: P080921

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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

Date Tested: 09/20/2021

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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

Date Tested: 09/17/2021

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

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

Date Tested: 09/20/2021

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Pomegranate FS

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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

Date Tested: 09/17/2021

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 Neyla Jourabchian
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