

(818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

# **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	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
Deer	Deres	Deer
Pass	Pass	Pass
Microbials	Mycotoxins	Heavy Metals
	Pass	
NT	0.59 aw	Pass
Moisture	Water Activity	Foreign Matter
Moisture Analyzer SOP-103 -	Water Activity Meter SOP-102 Date Tested: 09/17/2021	Visual Inspection SOP-600 Date Tested: 09/17/2021

Cannabinoids	
cannabinoidab	

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	0.02 <mark>3</mark>	0.025	1.8685	0.2669
CBC	0.021	0.025	0.8866	0.1267
CBDV	0.02 <mark>4</mark>	0.025	0.3765	0.0538
CBN	0.02 <mark>4</mark>	0.025	0.2757	0.0394
Δ8-THC	0.022	0.025	<loq< td=""><td>&lt;1mg/g</td></loq<>	<1mg/g
THCV	0.02 <mark>4</mark>	0.025	ND	ND
CBCA *	0.022	0.025	ND	ND
CBDa	0.013	0.025	ND	ND
CBDVA *	0.02 <mark>4</mark>	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

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



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Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021



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Pass

### **GRAPE FS**

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

#### Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Analyte	L	.OD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	μ	ıg/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
Chlorantraniliprole	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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Neya Jourabchian

Laboratory Director

09/20/2021

Brandon Hill COA Review 09/20/2021



**GRAPE FS** 

### CannaSafe - LA Van Nuys, CA 91406

(818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

Pass

Pass

Pass

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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

## **Microbials**

Testing method: PCR-SOP 401		
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

0					
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

resting method. ICi	PINIS-SUP 502					
Analyte	LOD	LOQ	Limit	Results	Status	
	µg/g	µg/g	µg/g	µg/g		
Arsenic	0.005	0.0496	1.5	<loq< th=""><th>Pass</th><th></th></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< th=""><th>Pass</th><th></th></loq<>	Pass	

Date Tested: 09/20/2021

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



/leyafocnaf

Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021



### **GRAPE FS**

Sample ID: 2109CSALA7049.8073			
Matrix: Ingestible		Client	
Type: Solid Product	Produced: 09/15/2021	Koi CBD Testing	
Sample Size: 1 units	Collected: 09/17/2021	Lic. #	
Batch Size: 150000 units	Received: 09/17/2021	5615 Industrial Place	
Batch#: G130921	Completed: 09/20/2021	Colorado Springs, CO 80916	

### **Residual Solvents**

Testing method: HSGCMS-SOP 202

g/g .0767		µg/g	Results µg/g	Status
.0767			µg/g	
	0.9593			
0750		1	ND	Pass
.0230	47.9662	5000	ND	Pass
6.769	55.9862	410	ND	Pass
.0767	0.9593	1	ND	Pass
3.8833	113.0084	5000	ND	Pass
.1919	0.9593	1	ND	Pass
4.3515	47.9662	5000	<loq< td=""><td>Pass</td></loq<>	Pass
2.2794	47.9662	5000	ND	Pass
.2686	0.9593	1	ND	Pass
5.3492	51.1896	5000	ND	Pass
0.4068	134.7659	5000	ND	Pass
8.9946	63.3538	5000	ND	Pass
42.9394	476.7843	3000	ND	Pass
.1151	0.9593	1	ND	Pass
2.617	108.749	290	ND	Pass
6.9378	89.8695	5000	ND	Pass
	135.802			Pass
3.0238	76.7843	890		Pass
				Pass
				Pass
	6.769 .0767 3.8833 .1919 4.3515 2.2794 .2686 5.3492 0.4068 8.9946 42.9394 .1151 2.617 6.9378 0.7137 3.0238	6.76955.9862.07670.9593.3.833113.0084.19190.9593.4.351547.9662.2.279447.9662.2.6860.9593.5.349251.1896.0.4068134.7659.8.994663.3538.4.2.9394476.7843.11510.9593.2.617108.749.6.937889.8695.0.7137135.802.3.02380.9593	6.76955.9862410.07670.95931.3.833113.00845000.19190.959314.351547.96625000.2.279447.96625000.26860.959315.349251.18965000.04068134.76595000.4.2939463.35385000.11510.95931.2.617108.749290.6.937889.86955000.7137135.8025000.0238.76.7843890.027670.95931	6.76955.9862410ND.07670.95931ND3.8833113.00845000ND.19190.95931ND4.351547.96625000ND2.279447.96625000ND2.26860.95931ND5.349251.18965000ND0.4068134.76595000ND8.994663.35385000ND4.2.9394476.78433000ND1.1510.95931ND2.617108.749290ND6.937889.86955000ND0.7137135.8025000ND3.023876.7843890ND0.7670.95931ND

Date Tested: 09/17/2021

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



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Neya Jourabchian Laboratory Director

09/20/2021

Brandon Hill COA Review 09/20/2021

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.

Pass



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# **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. 561 Colo

	BUILD	Harman A.	
oinoids			Pass

. #	
15 Industrial Place	
lorado Springs, CO 80916	
Summary	
38.3117	Pa

Summary		Pass
38.3117 mg/serving	Pass	Pass
Total Cannabinoids	Pesticides	Residual Solvents
Pass	Pass	Pass
Microbials	Mycotoxins	Heavy Metals
	Pass	
NT	0.65 aw	Pass
Moisture	Water Activity	Foreign Matter
Moisture Analyzer SOP-103	Water Activity Meter SOP-102	Visual Inspection SOP-600
	Date Tested: 09/17/2021	Date Tested: 09/17/2021

# Cannabinoids

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/serving	mg/g
CBD	0.01 <mark>8</mark>	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	0.02 <mark>3</mark>	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	0.01 <mark>3</mark>	0.025	ND	ND
CBDVA *	0.024	0.025	ND	ND
CBGa	0.01 <mark>9</mark>	0.025	ND	ND
THCa	0.018	0.025	ND	ND
THCVA *	0.02 <mark>4</mark>	0.025	ND	ND

5.3794 mg/serving Total THC

# 24.9305 mg/serving Total CBD

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



/leyafocnaf

Neya Jourabchian 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

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Lic# C8-0000040-LIC

Client Koi CBD Testing Lic. # 5615 Industrial Place Colorado Springs, CO 80916

#### Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Analyte	L	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	ŀ	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	C	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.



Accreditation No. 73653

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Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021

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.

#### Pass



Pass

Pass

Pass

# **Pineapple FS**

	Client	
Produced: N/A	Koi CBD Testing	
Collected: 09/17/2021	Lic. #	
Received: 09/17/2021	5615 Industrial Place	
Completed: 09/20/2021	Colorado Springs, CO 80916	
	Collected: 09/17/2021 Received: 09/17/2021	Produced: N/A Koi CBD Testing   Collected: 09/17/2021 Lic. #   Received: 09/17/2021 5615 Industrial Place

### **Microbials**

Testing method: PCR-SOP 401		
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

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

resultg method. ICi	-1013-30F 30Z					
Analyte	LOD	LOQ	Limit	Results	Status	
	µg/g	µg/g	µg/g	µg/g		
Arsenic	0.0049	0.049	1.5	<loq< th=""><th>Pass</th><th></th></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< th=""><th>Pass</th><th></th></loq<>	Pass	

Date Tested: 09/20/2021

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



Neya format

Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021



Pass

# **Pineapple FS**

Sample ID: 2109CSALA7049.8075			
Matrix: Ingestible		Client	
Type: Solid Product	Produced: N/A	Koi CBD Testing	
Sample Size: 1 units	Collected: 09/17/2021	Lic. #	
Batch Size: 150000 units	Received: 09/17/2021	5615 Industrial Place	
Batch#: PA070921	Completed: 09/20/2021	Colorado Springs, CO 80916	

# **Residual Solvents**

Testing method: HSGCMS-SOP 202

resuling method. HSGCWS-SOF 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
rotal xylenes	01.3713	204.0455	2170	NB	1 455

Date Tested: 09/17/2021

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



Neya found

Neya Jourabchian Laboratory Director

09/20/2021

Brandon Hill COA Review 09/20/2021



(818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

Pass

Pass

Pass

Pass

Date Tested: 09/17/2021

# **Pomegranate FS**

Sample ID: 2109CSALA7049.8074 Matrix: Ingestible Type: Solid Product Sample Size: 1 units Batch Size: 150000 units Batch#: P080921

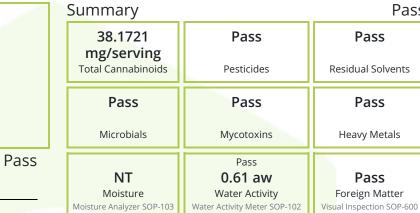
Cannabinoids

Testing method: HPLC-SOP 101

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



Date Tested: 09/17/2021

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	0.01 <mark>3</mark>	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	g/serving
Total	THC

24.8244 mg/serving Total CBD

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



Neya format

Neya Jourabchian 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

Produced: 09/14/2021 Collected: 09/17/2021 Received: 09/17/2021

Completed: 09/20/2021

(818) 922-2416

https://www.csalabs.com

Lic# C8-0000040-LIC

Client Koi CBD Testing Lic. # 5615 Industrial Place Colorado Springs, CO 80916

#### Pesticides

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.



Accreditation No. 73653

/leyafocnaf

Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021

Pass



Pass

Pass

Pass

# Pomegranate FS

_			
Sample ID: 2109CSALA7049.8074			
Matrix: Ingestible		Client	
Type: Solid Product	Produced: 09/14/2021	Koi CBD Testing	
Sample Size: 1 units	Collected: 09/17/2021	Lic. #	
Batch Size: 150000 units	Received: 09/17/2021	5615 Industrial Place	
Batch#: P080921	Completed: 09/20/2021	Colorado Springs, CO 80916	

#### **Microbials**

Testing method: PCR-SOP 401		
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

0					
Analyte	LOD	LOQ	Limit	Results	<u>St</u> atus
	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
Fotal 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

resung method. ICr	-1VI3-30F 30Z					
Analyte	LOD	LOQ	Limit	Results	Status	
	µg/g	µg/g	µg/g	µg/g		
Arsenic	0.0049	0.0494	1.5	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	
Cadmium	0.003	0.0494	0.5	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	
Lead	0.0099	0.0494	0.5	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	
Mercury	0.002	0.0494	3	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	

Date Tested: 09/20/2021

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



Neya format

Neya Jourabchian Laboratory Director 09/20/2021

Brandon Hill COA Review 09/20/2021



# **Pomegranate FS**

_			
Sample ID: 2109CSALA7049.8074			
Matrix: Ingestible		Client	
Type: Solid Product	Produced: 09/14/2021	Koi CBD Testing	
Sample Size: 1 units	Collected: 09/17/2021	Lic. #	
Batch Size: 150000 units	Received: 09/17/2021	5615 Industrial Place	
Batch#: P080921	Completed: 09/20/2021	Colorado Springs, CO 80916	

## **Residual Solvents**

Testing method: HSGCMS-SOP 202

Testing method. HSGCWS-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

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



Neya found

Neya Jourabchian Laboratory Director

09/20/2021

Brandon Hill COA Review 09/20/2021

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.

Pass