

# 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

<b>38.3117 mg/serving</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals
<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>Pass</b> <b>0.65 aw</b> Water Activity Water Activity Meter SOP-102 Date Tested: 09/17/2021	<b>Pass</b> 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

<b>5.3794 mg/serving</b> Total THC	<b>24.9305 mg/serving</b> 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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LABORATORY  
Accreditation No. 73653

*Neyajourab*

Neya Jourabchian  
Laboratory Director  
09/20/2021

*Brandon Hill*

Brandon Hill  
COA Review  
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## Pesticides

**Pass**

Testing method: LCMS &amp; 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

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\* 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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 Laboratory Director  
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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	0.049	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

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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

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