

# Koi Purple-Tropical Popsicle 500mg

**Sample ID:** 1903CSALA1538.5357  
**Strain:** Tropical Popsicle 500mg  
**Matrix:** Ingestible  
**Type:** Tincture  
**Sample Size:** 1 units; Batch:

**Produced:** N/A  
**Collected:** 03/06/2019  
**Received:** 03/06/2019  
**Completed:** 03/15/2019  
**Batch#:** 9050PU500

**Client:**  
**Koi CBD**  
**Lic. #**  
 14631 Best Ave  
 Norwalk, CA 90650



## Summary

**Pass**

<b>584.11 mg/unit</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

## Cannabinoids

Testing method: HPLC-SOP 101

**Complete**

Analyte	LOD	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/unit	mg/g
THCa	0.00757	0.0338	96.28	2.85
Δ9-THC	0.01429	0.0338	ND	ND
Δ8-THC	0.01422	0.0338	ND	ND
THCV	0.01324	0.0338	ND	ND
CBDa	0.00686	0.0338	ND	ND
CBD	0.01260	0.0338	487.83	14.44
CBDV	0.00338	0.0338	ND	ND
CBN	0.00547	0.0338	ND	ND
CBGa	0.00662	0.0338	ND	ND
CBG	0.01260	0.0338	ND	ND
CBC	0.00483	0.0338	ND	ND
<b>Total</b>			<b>584.11</b>	<b>17.29</b>

**84.44 mg/unit**  
Total THC

**487.83 mg/unit**  
Total CBD

1 Unit = 1 Bottle, 33.783g; 1 servings per container; 84.4 mg/unit THC per container

## Terpenes

Testing method: HS-GC-FID - SOP 201

**Not Tested**

Analyte	LOD	LOQ	Mass	Mass
---------	-----	-----	------	------

Date Tested: 03/13/2019

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NR = Not Reported; NT = Not Tested;  
 ND = Not Detected. The reported result is based on a sample weight with the applicable  
 moisture content for that sample;

<b>NT</b> Moisture Moisture Analyzer SOP-103 Date Tested:	<b>NR</b> Water Activity Water Activity Meter SOP-102 Date Tested: 03/15/2019	<b>Pass</b> Foreign Matter Visual Inspection SOP-001 Date Tested: 03/09/2019
--	--	---



ISO / IEC 17025:2017 ACCREDITED LABORATORY  
 Accreditation No. 73653



Mallory Speakman  
 Laboratory Director - LA  
 03/15/2019



Anya Engen  
 Quality Manager  
 03/15/2019



# Koi Purple-Tropical Popsicle 500mg

**Sample ID:** 1903CSALA1538.5357  
**Strain:** Tropical Popsicle 500mg  
**Matrix:** Ingestible  
**Type:** Tincture  
**Sample Size:** 1 units; Batch:

**Produced:** N/A  
**Collected:** 03/06/2019  
**Received:** 03/06/2019  
**Completed:** 03/15/2019  
**Batch#:** 9050PU500

**Client:**  
**Koi CBD**  
**Lic. #**  
 14631 Best Ave  
 Norwalk, CA 90650

## Pesticides

Test Method: LCMS &amp; GCMS-SOP 301

**Pass**

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.018	0.059	0.3	ND	Pass	Fludioxonil	0.007	0.024	30	ND	Pass
Acephate	0.009	0.029	5	ND	Pass	Hexythiazox	0.007	0.024	2	ND	Pass
Acequinocyl	0.005	0.018	4	ND	Pass	Imazalil	0.004	0.012	0.004	ND	Pass
Acetamiprid	0.004	0.013	5	ND	Pass	Imidacloprid	0.039	0.129	3	ND	Pass
Aldicarb	0.004	0.013	0.004	ND	Pass	Kresoxim Methyl	0.005	0.017	1	ND	Pass
Azoxystrobin	0.006	0.019	40	ND	Pass	Malathion	0.01	0.032	5	ND	Pass
Bifenazate	0.004	0.014	5	ND	Pass	Metalaxyl	0.003	0.01	15	ND	Pass
Bifenthrin	0.008	0.027	0.5	ND	Pass	Methiocarb	0.006	0.02	0.006	ND	Pass
Boscalid	0.006	0.019	10	ND	Pass	Methomyl	0.009	0.03	0.1	ND	Pass
Captan	0.0789	0.2631	5	ND	Pass	Methyl Parathion	0.007	0.0233	0.007	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos	0.003	0.011	0.003	ND	Pass
Carbofuran	0.005	0.018	0.005	ND	Pass	Myclobutanil	0.017	0.058	9	ND	Pass
Chlorantraniliprole	0.007	0.024	40	ND	Pass	Naled	0.007	0.024	0.5	ND	Pass
Chlordane	0.0291	0.0969	0.0291	ND	Pass	Oxamyl	0.003	0.009	0.2	ND	Pass
Chlorfenapyr	0.01	0.033	0.01	ND	Pass	Paclbutrazol	0.013	0.044	0.013	ND	Pass
Chlorpyrifos	0.005	0.017	0.005	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.2	ND	Pass
Clofentezine	0.006	0.019	0.5	ND	Pass	Permethrin	0.011	0.036	20	ND	Pass
Coumaphos	0.009	0.028	0.009	ND	Pass	Phosmet	0.007	0.025	0.2	ND	Pass
Cyfluthrin	0.008	0.026	1	ND	Pass	Piperonyl Butoxide	0.005	0.018	8	ND	Pass
Cypermethrin	0.013	0.044	1	ND	Pass	Prallethrin	0.007	0.024	0.4	ND	Pass
Daminozide	0.021	0.07	0.021	ND	Pass	Propiconazole	0.008	0.026	20	ND	Pass
DDVP	0.004	0.012	0.004	ND	Pass	Propoxur	0.004	0.013	0.004	ND	Pass
Diazinon	0.005	0.017	0.2	ND	Pass	Pyrethrins	0.003	0.01	1	ND	Pass
Dimethoate	0.003	0.011	0.003	ND	Pass	Pyridaben	0.008	0.027	3	ND	Pass
Dimethomorph	0.007	0.023	20	ND	Pass	Spinetoram	0.007	0.022	3	ND	Pass
Ethoprophos	0.004	0.013	0.004	ND	Pass	Spinosad	0.005	0.016	3	ND	Pass
Etofenprox	0.005	0.017	0.005	ND	Pass	Spiromesifen	0.007	0.023	12	ND	Pass
Etoazole	0.006	0.018	1.5	ND	Pass	Spirotetramat	0.009	0.03	13	ND	Pass
Fenhexamid	0.009	0.03	10	ND	Pass	Spiroxamine	0.006	0.019	0.006	ND	Pass
Fenoxycarb	0.007	0.022	0.007	ND	Pass	Tebuconazole	0.013	0.042	2	ND	Pass
Fenpyroximate	0.009	0.03	2	ND	Pass	Thiacloprid	0.007	0.023	0.007	ND	Pass
Fipronil	0.017	0.056	0.017	ND	Pass	Thiamethoxam	0.004	0.013	4.5	ND	Pass
Fonicamid	0.0244	0.0814	2	ND	Pass	Trifloxystrobin	0.004	0.014	30	ND	Pass

Date Tested: 03/11/2019

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


 ISO / IEC 17025:2017 ACCREDITED LABORATORY  
 Accreditation No. 73653



 Mallory Speakman  
 Laboratory Director - LA  
 03/15/2019



 Anya Engen  
 Quality Manager  
 03/15/2019




# Koi Purple-Tropical Popsicle 500mg

Sample ID: 1903CSALA1538.5357  
Strain: Tropical Popsicle 500mg  
Matrix: Ingestible  
Type: Tincture  
Sample Size: 1 units; Batch:

Produced: N/A  
Collected: 03/06/2019  
Received: 03/06/2019  
Completed: 03/15/2019  
Batch#: 9050PU500

Client  
**Koi CBD**  
Lic. #  
14631 Best Ave  
Norwalk, CA 90650

## Residual Solvents

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.024	0.24	1	ND	Pass
Acetone	0.112	1.12	5000	ND	Pass
Acetonitrile	0.0196	0.196	410	ND	Pass
Benzene	0.0096	0.096	1	ND	Pass
Butane	0.2	2	5000	ND	Pass
Chloroform	0.0288	0.288	1	ND	Pass
Ethanol	0.112	1.12		13920.45	Tested
Ethyl-Acetate	0.112	1.12	5000	660.73	Pass
Ethyl-Ether	0.112	1.12	5000	ND	Pass
Ethylene Oxide	0.024	0.24	1	ND	Pass
Heptane	0.112	1.12	5000	ND	Pass
Isopropanol	0.112	1.12	5000	ND	Pass
Methanol	0.144	1.44	3000	ND	Pass
Methylene-Chloride	0.0288	0.288	1	ND	Pass
n-Hexane	0.1392	1.392	290	ND	Pass
Pentane	0.112	1.12	5000	ND	Pass
Propane	0.08	0.8	5000	ND	Pass
Toluene	0.4272	4.272	890	ND	Pass
Trichloroethene	0.0384	0.384	1	ND	Pass
Xylenes	1.0416	10.416	2170	ND	Pass

Date Tested: 03/12/2019

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



ISO / IEC 17025:2017 ACCREDITED LABORATORY  
Accreditation No. 73653

Mallory Speakman  
Laboratory Director - LA  
03/15/2019

Anya Engen  
Quality Manager  
03/15/2019





# Koi Purple-Tropical Popsicle 500mg

Sample ID: 1903CSALA1538.5357  
Strain: Tropical Popsicle 500mg  
Matrix: Ingestible  
Type: Tincture  
Sample Size: 1 units; Batch:

Produced: N/A  
Collected: 03/06/2019  
Received: 03/06/2019  
Completed: 03/15/2019  
Batch#: 9050PU500

Client  
**Koi CBD**  
Lic. #  
14631 Best Ave  
Norwalk, CA 90650

## Microbials

Test method: PCR-SOP 401

### Analyte

Shiga toxin-producing E. Coli  
Salmonella

**Result**  
Not Detected  
Not Detected

Pass

**Status**  
Pass  
Pass

Date Tested: 03/11/2019

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

## Mycotoxins

Test method: LCMS-SOP 301

### Analyte

B1  
B2  
G1  
G2  
Total Aflatoxins  
Ochratoxin A

LOD	LOQ	Limit	Units
µg/kg	µg/kg	µg/kg	µg/kg
0.001	0.005		ND
0.007	0.022		ND
0.007	0.022		ND
0.006	0.021		ND
		20	ND
0.013	0.045	20	ND

Pass

**Status**  
Tested  
Tested  
Tested  
Tested  
Pass  
Pass

Date Tested: 03/11/2019

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

## Heavy Metals

Testing method: ICPMS-SOP 501

### Analyte

Arsenic  
Cadmium  
Lead  
Mercury

LOD	LOQ	Limit	Units
µg/g	µg/g	µg/g	µg/g
0.001	0.01	1.5	0.295
0.001	0.01	0.5	ND
0.001	0.01	0.5	ND
0.001	0.01	3	ND

Pass

**Status**  
Pass  
Pass  
Pass  
Pass

Date Tested: 03/15/2019

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



ISO / IEC 17025:2017 ACCREDITED LABORATORY  
Accreditation No. 73653

Mallery Speakman  
Laboratory Director - LA  
03/15/2019

Anya Engen  
Quality Manager  
03/15/2019

