

Koi Complete Full Spectrum Tincture Natural Flavored

Sample ID: 2108CSALA6698.6922

Matrix: Ingestible

Type: Semi-Solid or Liquid Product

Sample Size: 1 units

Batch Size: 1 units

Batch#: 1993BB0823

Produced: N/A

Collected: 08/18/2021

Received: 08/18/2021

Completed: 08/20/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

5996.1762 mg/package Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	NT Water Activity Water Activity Meter SOP-102	Pass Foreign Matter Visual Inspection SOP-600 Date Tested: 08/18/2021

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.175	0.25	5254.2986	175.1433
CBT *	0.21	0.975	205.8903	6.8630
CBC	0.213	0.25	202.7789	6.7593
CBG	0.229	0.25	161.7940	5.3931
CBN	0.245	0.25	129.8572	4.3286
CBDV	0.204	0.25	41.5572	1.3852
CBCA *	0.221	0.25	ND	ND
CBDa	0.133	0.25	ND	ND
CBDVA *	0.238	0.25	ND	ND
CBGa	0.187	0.25	ND	ND
THCa	0.184	0.25	ND	ND
THCV	0.242	0.25	ND	ND
THCVA *	0.243	0.25	ND	ND
Δ8-THC	0.22	0.25	ND	ND
Δ9-THC	0.207	0.25	ND	ND

ND
Total THC
5254.2986 mg/package
Total CBD

1 serving = 1 Dropper, 1.0 milliliters; Density = 0.9659 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 5254.2986 mg/package Total CBD;

Date Tested: 08/20/2021

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
 08/20/2021



 Brandon Hill
 COA Review
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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	0.0671	0.0869	0.3	ND	Pass	Fludioxonil	0.0494	0.077	30	ND	Pass
Acephate	0.0346	0.077	5	ND	Pass	Hexythiazox	0.04	0.077	2	ND	Pass
Acequinocyl	0.0326	0.077	4	ND	Pass	Imazalil *	0.0469	0.077	0.0469	ND	Pass
Acetamiprid	0.0336	0.077	5	ND	Pass	Imidacloprid	0.0331	0.077	3	ND	Pass
Aldicarb *	0.0321	0.077	0.0321	ND	Pass	Kresoxim Methyl	0.0326	0.077	1	ND	Pass
Azoxystrobin	0.0331	0.077	40	ND	Pass	Malathion	0.0489	0.077	5	ND	Pass
Bifenazate	0.0681	0.077	5	ND	Pass	Metalaxyl	0.035	0.077	15	ND	Pass
Bifenthrin	0.0656	0.077	0.5	ND	Pass	Methiocarb *	0.0499	0.077	0.0499	ND	Pass
Boscalid	0.0449	0.077	10	ND	Pass	Methomyl	0.039	0.077	0.1	ND	Pass
Captan	0.3159	0.617	5	ND	Pass	Methyl Parathion *	0.0395	0.079	0.0395	ND	Pass
Carbaryl	0.0395	0.077	0.5	ND	Pass	Mevinphos *	0.0336	0.077	0.0336	ND	Pass
Carbofuran *	0.0336	0.077	0.0336	ND	Pass	Myclobutanil	0.0607	0.077	9	ND	Pass
Chlorantraniliprole	0.0326	0.077	40	ND	Pass	Naled	0.0508	0.077	0.5	ND	Pass
Chlordane *	0.0247	0.079	0.0247	ND	Pass	Oxamyl	0.0321	0.077	0.2	ND	Pass
Chlorfenapyr *	0.0197	0.079	0.0197	ND	Pass	Paclobutrazol *	0.0612	0.077	0.0612	ND	Pass
Chlorpyrifos *	0.0326	0.077	0.0326	ND	Pass	Pentachloronitrobenzene	0.0346	0.079	0.2	ND	Pass
Clofentezine	0.0459	0.077	0.5	ND	Pass	Permethrin	0.0494	0.077	20	ND	Pass
Coumaphos *	0.0405	0.077	0.0405	ND	Pass	Phosmet	0.0331	0.077	0.2	ND	Pass
Cyfluthrin	0.1461	0.1545	1	ND	Pass	Piperonyl Butoxide	0.0385	0.077	8	ND	Pass
Cypermethrin	0.078	0.1545	1	ND	Pass	Prallethrin	0.04	0.077	0.4	ND	Pass
Daminozide *	0.0429	0.077	0.0429	ND	Pass	Propiconazole	0.04	0.077	20	ND	Pass
DDVP *	0.037	0.077	0.037	ND	Pass	Propoxur *	0.041	0.077	0.041	ND	Pass
Diazinon	0.0301	0.077	0.2	ND	Pass	Pyrethrins	0.1861	0.2182	1	ND	Pass
Dimethoate *	0.0271	0.077	0.0271	ND	Pass	Pyridaben	0.0281	0.0577	3	ND	Pass
Dimethomorph	0.0326	0.077	20	ND	Pass	Spinetoram	0.0415	0.077	3	ND	Pass
Ethoprophos *	0.0291	0.077	0.0291	ND	Pass	Spinosad	0.038	0.077	3	ND	Pass
Etofenprox *	0.0375	0.077	0.0375	ND	Pass	Spiromesifen	0.0375	0.077	12	ND	Pass
Etoxazole	0.0336	0.077	1.5	ND	Pass	Spirotetramat	0.0301	0.077	13	ND	Pass
Fenhexamid	0.0706	0.077	10	ND	Pass	Spiroxamine *	0.0306	0.077	0.0306	ND	Pass
Fenoxycarb *	0.0276	0.077	0.0276	ND	Pass	Tebuconazole	0.0336	0.077	2	ND	Pass
Fenpyroximate	0.0252	0.077	2	ND	Pass	Thiacloprid *	0.0326	0.077	0.0326	ND	Pass
Fipronil *	0.0563	0.077	0.0563	ND	Pass	Thiamethoxam	0.0385	0.077	4.5	ND	Pass
Flonicamid	0.0424	0.077	2	ND	Pass	Trifloxystrobin	0.039	0.077	30	ND	Pass

Date Tested: 08/19/2021

* 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	1.9743	3.9487		ND	Tested
Aflatoxin B2	2.9615	3.9487		ND	Tested
Aflatoxin G1	2.4679	3.9487		ND	Tested
Aflatoxin G2	2.9615	3.9487		ND	Tested
Total Aflatoxins	10.3653	15.7947	20	ND	Pass
Ochratoxin A	6.4166	15.3011	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	0.005	0.0495	1.5	<LOQ	Pass
Cadmium	0.003	0.0495	0.5	<LOQ	Pass
Lead	0.0099	0.0495	0.5	<LOQ	Pass
Mercury	0.002	0.0495	3	<LOQ	Pass

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Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.0796	0.9944	1	ND	Pass
Acetone	9.1488	49.7216	5000	ND	Pass
Acetonitrile	17.3827	58.035	410	ND	Pass
Benzene	0.0796	0.9944	1	ND	Pass
Butane	35.1233	117.144	5000	ND	Pass
Chloroform	0.1989	0.9944	1	ND	Pass
Ethanol	14.8767	49.7216	5000	<LOQ	Pass
Ethyl acetate	12.7287	49.7216	5000	ND	Pass
Ethylene Oxide	0.2784	0.9944	1	ND	Pass
Ethyl ether	15.9109	53.0628	5000	ND	Pass
Heptane	41.8854	139.6977	5000	ND	Pass
Isopropyl alcohol	19.6897	65.6722	5000	ND	Pass
Methanol	148.1702	494.2323	3000	ND	Pass
Methylene chloride	0.1193	0.9944	1	ND	Pass
Hexane	33.8107	112.7287	290	ND	Pass
Pentane	27.9236	93.1583	5000	ND	Pass
Propane	42.2037	140.7717	5000	ND	Pass
Toluene	23.8663	79.5943	890	ND	Pass
Trichloroethylene	0.0796	0.9944	1	ND	Pass
Total xylenes	65.1551	217.2633	2170	ND	Pass

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