

Koi Complete Full Spectrum CBD Gummies Grape

Sample ID: 2108CSALA6674.6874

Matrix: Ingestible

Type: Solid Product

Sample Size: 1 units

Batch Size: 1 units

Batch#: 08072031-2

Produced: N/A

Collected: 08/17/2021

Received: 08/17/2021

Completed: 08/19/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

53.6420 mg/serving Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals
NT Moisture Moisture Analyzer SOP-103	Pass 0.60 aw Water Activity Water Activity Meter SOP-102 Date Tested: 08/17/2021	Pass Foreign Matter Visual Inspection SOP-600 Date Tested: 08/17/2021

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	35.1875	6.2734
Δ9-THC	0.021	0.025	6.5509	1.1679
CBT *	0.021	0.098	6.3518	1.1324
CBG	0.023	0.025	2.5827	0.4605
CBC	0.021	0.025	1.2567	0.2241
CBN	0.024	0.025	0.7050	0.1257
CBDV	0.02	0.025	0.6151	0.1097
Δ8-THC	0.024	0.025	0.3923	0.0699
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

6.5509 mg/serving
Total THC
35.1875 mg/serving
Total CBD

1 serving = 1 Gummy, 5.609 grams; 20.0 servings per package; 131.0184 mg/package Total THC; 703.7502 mg/package Total CBD;

Date Tested: 08/18/2021

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



 Neya Jourabchian
 Laboratory Director
 08/19/2021



 Brandon Hill
 COA Review
 08/19/2021

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Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Pass

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	0.0675	0.0874	0.3	ND	Pass	Fludioxonil	0.0497	0.0775	30	ND	Pass
Acephate	0.0348	0.0775	5	ND	Pass	Hexythiazox	0.0402	0.0775	2	ND	Pass
Acequinocyl	0.0328	0.0775	4	ND	Pass	Imazalil *	0.0472	0.0775	0.0472	ND	Pass
Acetamiprid	0.0338	0.0775	5	ND	Pass	Imidacloprid	0.0333	0.0775	3	ND	Pass
Aldicarb *	0.0323	0.0775	0.0323	ND	Pass	Kresoxim Methyl	0.0328	0.0775	1	ND	Pass
Azoxystrobin	0.0333	0.0775	40	ND	Pass	Malathion	0.0492	0.0775	5	ND	Pass
Bifenazate	0.0685	0.0775	5	ND	Pass	Metaxyl	0.0353	0.0775	15	ND	Pass
Bifenthrin	0.066	0.0775	0.5	ND	Pass	Methiocarb *	0.0501	0.0775	0.0501	ND	Pass
Boscalid	0.0452	0.0775	10	ND	Pass	Methomyl	0.0392	0.0775	0.1	ND	Pass
Captan	0.3178	0.6207	5	ND	Pass	Methyl Parathion *	0.0397	0.0794	0.0397	ND	Pass
Carbaryl	0.0397	0.0775	0.5	ND	Pass	Mevinphos *	0.0338	0.0775	0.0338	ND	Pass
Carbofuran *	0.0338	0.0775	0.0338	ND	Pass	Myclobutanil	0.0611	0.0775	9	ND	Pass
Chlorantraniliprole	0.0328	0.0775	40	ND	Pass	Naled	0.0511	0.0775	0.5	ND	Pass
Chlordane *	0.0248	0.0794	0.0248	ND	Pass	Oxamyl	0.0323	0.0775	0.2	ND	Pass
Chlorfenapyr *	0.0199	0.0794	0.0199	ND	Pass	Paclobutrazol *	0.0616	0.0775	0.0616	ND	Pass
Chlorpyrifos *	0.0328	0.0775	0.0328	ND	Pass	Pentachloronitrobenzene	0.0348	0.0794	0.2	ND	Pass
Clofentezine	0.0462	0.0775	0.5	ND	Pass	Permethrin	0.0497	0.0775	20	ND	Pass
Coumaphos *	0.0407	0.0775	0.0407	ND	Pass	Phosmet	0.0333	0.0775	0.2	ND	Pass
Cyfluthrin	0.147	0.1554	1	ND	Pass	Piperonyl Butoxide	0.0387	0.0775	8	ND	Pass
Cypermethrin	0.0785	0.1554	1	ND	Pass	Prallethrin	0.0402	0.0775	0.4	ND	Pass
Daminozide *	0.0432	0.0775	0.0432	ND	Pass	Propiconazole	0.0402	0.0775	20	ND	Pass
DDVP *	0.0372	0.0775	0.0372	ND	Pass	Propoxur *	0.0412	0.0775	0.0412	ND	Pass
Diazinon	0.0303	0.0775	0.2	ND	Pass	Pyrethrins	0.1872	0.2195	1	ND	Pass
Dimethoate *	0.0273	0.0775	0.0273	ND	Pass	Pyridaben	0.0283	0.0581	3	ND	Pass
Dimethomorph	0.0328	0.0775	20	ND	Pass	Spinetoram	0.0417	0.0775	3	ND	Pass
Ethoprophos *	0.0293	0.0775	0.0293	ND	Pass	Spinosad	0.0382	0.0775	3	ND	Pass
Etofenprox *	0.0377	0.0775	0.0377	ND	Pass	Spiromesifen	0.0377	0.0775	12	ND	Pass
Etoxazole	0.0338	0.0775	1.5	ND	Pass	Spirotetramat	0.0303	0.0775	13	ND	Pass
Fenhexamid	0.071	0.0775	10	ND	Pass	Spiroxamine *	0.0308	0.0775	0.0308	ND	Pass
Fenoxycarb *	0.0278	0.0775	0.0278	ND	Pass	Tebuconazole	0.0338	0.0775	2	ND	Pass
Fenpyroximate	0.0253	0.0775	2	ND	Pass	Thiacloprid *	0.0328	0.0775	0.0328	ND	Pass
Fipronil *	0.0566	0.0775	0.0566	ND	Pass	Thiamethoxam	0.0387	0.0775	4.5	ND	Pass
Flonicamid	0.0427	0.0775	2	ND	Pass	Trifloxystrobin	0.0392	0.0775	30	ND	Pass

Date Tested: 08/17/2021

* 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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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	1.9861	3.9722		ND	Tested
Aflatoxin B2	2.9791	3.9722		ND	Tested
Aflatoxin G1	2.4826	3.9722		ND	Tested
Aflatoxin G2	2.9791	3.9722		ND	Tested
Total Aflatoxins	10.427	15.8888	20	ND	Pass
Ochratoxin A	6.4548	15.3923	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	<LOQ	Pass
Lead	0.0098	0.049	0.5	0.074	Pass
Mercury	0.002	0.049	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	0.0786	0.9825	1	ND	Pass
Acetone	9.0391	49.1256	5000	ND	Pass
Acetonitrile	17.1743	57.3394	410	ND	Pass
Benzene	0.0786	0.9825	1	ND	Pass
Butane	34.7023	115.7398	5000	ND	Pass
Chloroform	0.1965	0.9825	1	ND	Pass
Ethanol	14.6984	49.1256	5000	387.5	Pass
Ethyl acetate	12.5761	49.1256	5000	ND	Pass
Ethylene Oxide	0.2751	0.9825	1	ND	Pass
Ethyl ether	15.7202	52.4268	5000	ND	Pass
Heptane	41.3834	138.0232	5000	ND	Pass
Isopropyl alcohol	19.4537	64.885	5000	ND	Pass
Methanol	146.3942	488.3081	3000	ND	Pass
Methylene chloride	0.1179	0.9825	1	ND	Pass
Hexane	33.4054	111.3775	290	ND	Pass
Pentane	27.5889	92.0417	5000	ND	Pass
Propane	41.6978	139.0843	5000	ND	Pass
Toluene	23.5803	78.6402	890	ND	Pass
Trichloroethylene	0.0786	0.9825	1	ND	Pass
Total xylenes	64.3741	214.6591	2170	ND	Pass

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