

Koi Naturals Natural Flavor 1000 mg

Sample ID: 2109CSALA7046.8060

Matrix: Concentrates & Extracts

Type: Tincture

Sample Size: 1 units

Batch Size:

Batch#: 2067BB0923

Produced: N/A

Collected: 09/16/2021

Received: 09/17/2021

Completed: 09/20/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

1164.0378 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: 09/17/2021

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.016	0.0228	1035.6316	34.5211
CBC	0.0194	0.0228	38.3417	1.2781
CBT *	0.0192	0.0889	38.0963	1.2699
CBN	0.0223	0.0228	32.6844	1.0895
CBG	0.021	0.0228	12.9033	0.4301
CBDV	0.0187	0.0228	6.3806	0.2127
CBCA *	0.0203	0.0228	ND	ND
CBDa	0.0121	0.0228	ND	ND
CBDVA *	0.0217	0.0228	ND	ND
CBGa	0.0171	0.0228	ND	ND
THCa	0.0169	0.0228	ND	ND
THCV	0.0221	0.0228	ND	ND
THCVA *	0.0221	0.0228	ND	ND
Δ8-THC	0.0201	0.0228	ND	ND
Δ9-THC	0.0189	0.0228	ND	ND

ND
Total THC
1035.6316 mg/package
Total CBD

1 serving = 1 Dropper, 1.0 milliliters; Density = 0.944 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 1035.6316 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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 Accreditation No. 73653



 Neya Jourabchian
 Laboratory Director
 09/20/2021



 Brandon Hill
 COA Review
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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	0.0673	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.


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Microbials

Pass

Testing method: PCR-SOP 401

Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

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Mycotoxins

Pass

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

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Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.0049	0.0494	1.5	<LOQ	Pass
Cadmium	0.003	0.0494	0.5	<LOQ	Pass
Lead	0.0099	0.0494	0.5	<LOQ	Pass
Mercury	0.002	0.0494	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	0.0785	0.9812	1	ND	Pass
Acetone	9.0267	49.0581	5000	ND	Pass
Acetonitrile	17.1507	57.2606	410	ND	Pass
Benzene	0.0785	0.9812	1	ND	Pass
Butane	34.6546	115.5808	5000	ND	Pass
Chloroform	0.1962	0.9812	1	ND	Pass
Ethanol	14.6782	49.0581	5000	ND	Pass
Ethyl acetate	12.5589	49.0581	5000	ND	Pass
Ethylene Oxide	0.2747	0.9812	1	ND	Pass
Ethyl ether	15.6986	52.3548	5000	ND	Pass
Heptane	41.3265	137.8336	5000	ND	Pass
Isopropyl alcohol	19.427	64.7959	5000	ND	Pass
Methanol	146.1931	487.6374	3000	ND	Pass
Methylene chloride	0.1177	0.9812	1	ND	Pass
Hexane	33.3595	111.2245	290	ND	Pass
Pentane	27.551	91.9152	5000	ND	Pass
Propane	41.6405	138.8932	5000	ND	Pass
Toluene	23.5479	78.5322	890	ND	Pass
Trichloroethylene	0.0785	0.9812	1	ND	Pass
Total xylenes	64.2857	214.3642	2170	ND	Pass

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