

Koi Naturals Watermelon Green Apple Sour 250 mg

Sample ID: 2109CSALA7046.8061

Matrix: Concentrates & Extracts

Type: Tincture

Sample Size: 1 units

Batch Size:

Batch#: 2103BB0923

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

259.3973 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	0.0165	0.0236	259.3973	8.6466
CBC	0.02	0.0236	ND	ND
CBCA *	0.021	0.0236	ND	ND
CBDa	0.0125	0.0236	ND	ND
CBDV	0.0193	0.0236	ND	ND
CBDVA *	0.0224	0.0236	ND	ND
CBG	0.0217	0.0236	ND	ND
CBGa	0.0177	0.0236	ND	ND
CBN	0.0231	0.0236	ND	ND
CBT *	0.0198	0.0919	ND	ND
THCa	0.0174	0.0236	ND	ND
THCV	0.0228	0.0236	ND	ND
THCVA *	0.0228	0.0236	ND	ND
Δ8-THC	0.0207	0.0236	ND	ND
Δ9-THC	0.0196	0.0236	ND	ND

ND

Total THC

259.3973 mg/package

Total CBD

1 serving = 1 Dropper, 1.0 milliliters; Density = 1.1287 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 259.3973 mg/package Total CBD;

Date Tested: 09/17/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

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* Denotes analytes pending ISO-17025 scope addition


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



 Neya Jourabchian
 Laboratory Director
 09/20/2021



 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	0.0667	0.0864	0.3	ND	Pass	Fludioxonil	0.0491	0.0765	30	ND	Pass
Acephate	0.0343	0.0765	5	ND	Pass	Hexythiazox	0.0397	0.0765	2	ND	Pass
Acequinocyl	0.0324	0.0765	4	ND	Pass	Imazalil *	0.0466	0.0765	0.0466	ND	Pass
Acetamiprid	0.0334	0.0765	5	ND	Pass	Imidacloprid	0.0329	0.0765	3	ND	Pass
Aldicarb *	0.0319	0.0765	0.0319	ND	Pass	Kresoxim Methyl	0.0324	0.0765	1	ND	Pass
Azoxystrobin	0.0329	0.0765	40	ND	Pass	Malathion	0.0486	0.0765	5	ND	Pass
Bifenazate	0.0677	0.0765	5	ND	Pass	Metalaxyl	0.0348	0.0765	15	ND	Pass
Bifenthrin	0.0653	0.0765	0.5	ND	Pass	Methiocarb *	0.0496	0.0765	0.0496	ND	Pass
Boscalid	0.0447	0.0765	10	ND	Pass	Methomyl	0.0388	0.0765	0.1	ND	Pass
Captan	0.314	0.6133	5	ND	Pass	Methyl Parathion *	0.0393	0.0785	0.0393	ND	Pass
Carbaryl	0.0393	0.0765	0.5	ND	Pass	Mevinphos *	0.0334	0.0765	0.0334	ND	Pass
Carbofuran *	0.0334	0.0765	0.0334	ND	Pass	Myclobutanil	0.0604	0.0765	9	ND	Pass
Chlorantraniliprole	0.0324	0.0765	40	ND	Pass	Naled	0.0505	0.0765	0.5	ND	Pass
Chlordane *	0.0245	0.0785	0.0245	ND	Pass	Oxamyl	0.0319	0.0765	0.2	ND	Pass
Chlorfenapyr *	0.0196	0.0785	0.0196	ND	Pass	Paclobutrazol *	0.0608	0.0765	0.0608	ND	Pass
Chlorpyrifos *	0.0324	0.0765	0.0324	ND	Pass	Pentachloronitrobenzene	0.0343	0.0785	0.2	ND	Pass
Clofentezine	0.0456	0.0765	0.5	ND	Pass	Permethrin	0.0491	0.0765	20	ND	Pass
Coumaphos *	0.0402	0.0765	0.0402	ND	Pass	Phosmet	0.0329	0.0765	0.2	ND	Pass
Cyfluthrin	0.1452	0.1536	1	ND	Pass	Piperonyl Butoxide	0.0383	0.0765	8	ND	Pass
Cypermethrin	0.0775	0.1536	1	ND	Pass	Prallethrin	0.0397	0.0765	0.4	ND	Pass
Daminozide *	0.0427	0.0765	0.0427	ND	Pass	Propiconazole	0.0397	0.0765	20	ND	Pass
DDVP *	0.0368	0.0765	0.0368	ND	Pass	Propoxur *	0.0407	0.0765	0.0407	ND	Pass
Diazinon	0.0299	0.0765	0.2	ND	Pass	Pyrethrins	0.185	0.2169	1	ND	Pass
Dimethoate *	0.027	0.0765	0.027	ND	Pass	Pyridaben	0.028	0.0574	3	ND	Pass
Dimethomorph	0.0324	0.0765	20	ND	Pass	Spinetoram	0.0412	0.0765	3	ND	Pass
Ethoprophos *	0.0289	0.0765	0.0289	ND	Pass	Spinosad	0.0378	0.0765	3	ND	Pass
Etofenprox *	0.0373	0.0765	0.0373	ND	Pass	Spiromesifen	0.0373	0.0765	12	ND	Pass
Etoxazole	0.0334	0.0765	1.5	ND	Pass	Spirotetramat	0.0299	0.0765	13	ND	Pass
Fenhexamid	0.0702	0.0765	10	ND	Pass	Spiroxamine *	0.0304	0.0765	0.0304	ND	Pass
Fenoxycarb *	0.0275	0.0765	0.0275	ND	Pass	Tebuconazole	0.0334	0.0765	2	ND	Pass
Fenpyroximate	0.025	0.0765	2	ND	Pass	Thiacloprid *	0.0324	0.0765	0.0324	ND	Pass
Fipronil *	0.0559	0.0765	0.0559	ND	Pass	Thiamethoxam	0.0383	0.0765	4.5	ND	Pass
Flonicamid	0.0422	0.0765	2	ND	Pass	Trifloxystrobin	0.0388	0.0765	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

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	1.9627	3.9254		ND	Tested
Aflatoxin B2	2.9441	3.9254		ND	Tested
Aflatoxin G1	2.4534	3.9254		ND	Tested
Aflatoxin G2	2.9441	3.9254		ND	Tested
Total Aflatoxins	10.3042	15.7017	20	ND	Pass
Ochratoxin A	6.3788	15.211	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	0.0494	1.5	<LOQ	Pass
Cadmium	0.003	0.0494	0.5	<LOQ	Pass
Lead	0.0099	0.0494	0.5	0.376	Pass
Mercury	0.002	0.0494	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	0.0771	0.9643	1	ND	Pass
Acetone	8.8717	48.216	5000	ND	Pass
Acetonitrile	16.8563	56.2777	410	ND	Pass
Benzene	0.0771	0.9643	1	ND	Pass
Butane	34.0598	113.5969	5000	ND	Pass
Chloroform	0.1929	0.9643	1	ND	Pass
Ethanol	14.4262	48.216	5000	<LOQ	Pass
Ethyl acetate	12.3433	48.216	5000	437.9	Pass
Ethylene Oxide	0.27	0.9643	1	ND	Pass
Ethyl ether	15.4291	51.4561	5000	ND	Pass
Heptane	40.6172	135.4677	5000	ND	Pass
Isopropyl alcohol	19.0935	63.6837	5000	ND	Pass
Methanol	143.6837	479.2671	3000	ND	Pass
Methylene chloride	0.1157	0.9643	1	ND	Pass
Hexane	32.7869	109.3153	290	ND	Pass
Pentane	27.0781	90.3375	5000	ND	Pass
Propane	40.9257	136.5092	5000	ND	Pass
Toluene	23.1437	77.1842	890	ND	Pass
Trichloroethylene	0.0771	0.9643	1	ND	Pass
Total xylenes	63.1823	210.6847	2170	ND	Pass

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