

Koi CBD Watermelon Green Apple Sour Vape Juice 1000 mg

Sample ID: 2108CSALA6727.7002

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size: 1 units

Batch#: 2062BB0823

Produced: N/A

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

1016.4945 mg/package Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.017	0.0242	1015.2058	34.3276
CBDV	0.0199	0.0242	1.2887	0.0436
CBC	0.0206	0.0242	ND	ND
CBCA *	0.0216	0.0242	ND	ND
CBDa	0.0128	0.0242	ND	ND
CBDVA *	0.023	0.0242	ND	ND
CBG	0.0223	0.0242	ND	ND
CBGa	0.0182	0.0242	ND	ND
CBN	0.0238	0.0242	ND	ND
CBT *	0.0204	0.0945	ND	ND
THCa	0.0179	0.0242	ND	ND
THCV	0.0235	0.0242	ND	ND
THCVA *	0.0235	0.0242	ND	ND
Δ8-THC	0.0213	0.0242	ND	ND
Δ9-THC	0.0201	0.0242	ND	ND

ND

Total THC

1015.2058 mg/package

Total CBD

Package = 1 Bottle, 1.0 fluid_ounces; Density = 1.1097 g/ml; 0.0 mg/package

Total THC; 1015.2058 mg/package Total CBD;

Date Tested: 08/21/2021

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

Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
α-Terpinene	0.0052	0.0157	0.04	0.36
Guaiol	0.0105	0.0318	<LOQ	<LOQ
Geraniol	0.0065	0.0196	<LOQ	<LOQ
β-Pinene	0.0046	0.014	ND	ND
Camphene	0.0051	0.0155	ND	ND
Caryophyllene Oxide	0.0275	0.0833	ND	ND
Eucalyptol	0.0055	0.0167	ND	ND
Isopulegol	0.0089	0.0269	ND	ND
Linalool	0.0072	0.0217	ND	ND
Ocimene	0.0034	0.0119	ND	ND
p-Cymene	0.0051	0.0154	ND	ND
Terpinolene	0.0053	0.016	ND	ND
trans-Nerolidol	0.0069	0.0209	ND	ND
α-Bisabolol	0.0093	0.0281	ND	ND
α-Humulene	0.0054	0.0165	ND	ND
α-Pinene	0.0055	0.0167	ND	ND
β-Caryophyllene	0.0055	0.0165	ND	ND
β-Myrcene	0.0076	0.0229	ND	ND
γ-Terpinene	0.0053	0.016	ND	ND
δ-3-Carene	0.005	0.0152	ND	ND
δ-Limonene	0.005	0.0151	ND	ND
Total			0.04	0.36

Date Tested: 08/20/2021

NT Moisture Moisture Analyzer SOP-103	NT Water Activity Water Activity Meter SOP-102	Pass Foreign Matter Visual Inspection SOP-600 Date Tested: 08/20/2021
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LABORATORY
Accreditation No. 73653

Neyajourab

Neyajourabchian
Laboratory Director
08/23/2021

Brandon Hill

Brandon Hill
COA Review
08/23/2021

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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	0.0667	0.0863	0.1	ND	Pass	Fludioxonil	0.049	0.0765	0.1	ND	Pass
Acephate	0.0343	0.0765	0.1	ND	Pass	Hexythiazox	0.0397	0.0765	0.1	ND	Pass
Acequinocyl	0.0324	0.0765	0.1	ND	Pass	Imazalil *	0.0466	0.0765	0.0466	ND	Pass
Acetamiprid	0.0333	0.0765	0.1	ND	Pass	Imidacloprid	0.0328	0.0765	5	ND	Pass
Aldicarb *	0.0319	0.0765	0.0319	ND	Pass	Kresoxim Methyl	0.0324	0.0765	0.1	ND	Pass
Azoxystrobin	0.0328	0.0765	0.1	ND	Pass	Malathion	0.0485	0.0765	0.5	ND	Pass
Bifenazate	0.0676	0.0765	0.1	ND	Pass	Metalaxyl	0.0348	0.0765	2	ND	Pass
Bifenthrin	0.0652	0.0765	3	ND	Pass	Methiocarb *	0.0495	0.0765	0.0495	ND	Pass
Boscalid	0.0446	0.0765	0.1	ND	Pass	Methomyl	0.0387	0.0765	1	ND	Pass
Captan	0.3137	0.6127	0.7	ND	Pass	Methyl Parathion *	0.0392	0.0784	0.0392	ND	Pass
Carbaryl	0.0392	0.0765	0.5	ND	Pass	Mevinphos *	0.0333	0.0765	0.0333	ND	Pass
Carbofuran *	0.0333	0.0765	0.0333	ND	Pass	Myclobutanil	0.0603	0.0765	0.1	ND	Pass
Chlorantraniliprole	0.0324	0.0765	10	ND	Pass	Naled	0.0505	0.0765	0.1	ND	Pass
Chlordane *	0.0245	0.0784	0.0245	ND	Pass	Oxamyl	0.0319	0.0765	0.5	ND	Pass
Chlorfenapyr *	0.0196	0.0784	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	0.0784	0.1	ND	Pass
Clofentezine	0.0456	0.0765	0.1	ND	Pass	Permethrin	0.049	0.0765	0.5	ND	Pass
Coumaphos *	0.0402	0.0765	0.0402	ND	Pass	Phosmet	0.0328	0.0765	0.1	ND	Pass
Cyfluthrin	0.1451	0.1534	2	ND	Pass	Piperonyl Butoxide	0.0382	0.0765	3	ND	Pass
Cypermethrin	0.0775	0.1534	1	ND	Pass	Prallethrin	0.0397	0.0765	0.1	ND	Pass
Daminozide *	0.0426	0.0765	0.0426	ND	Pass	Propiconazole	0.0397	0.0765	0.1	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	0.1	ND	Pass	Pyrethrins	0.1848	0.2167	0.5	ND	Pass
Dimethoate *	0.027	0.0765	0.027	ND	Pass	Pyridaben	0.0279	0.0574	0.1	ND	Pass
Dimethomorph	0.0324	0.0765	2	ND	Pass	Spinetoram	0.0412	0.0765	0.1	ND	Pass
Ethoprophos *	0.0289	0.0765	0.0289	ND	Pass	Spinosad	0.0377	0.0765	0.1	ND	Pass
Etofenprox *	0.0373	0.0765	0.0373	ND	Pass	Spiromesifen	0.0373	0.0765	0.1	ND	Pass
Etoxazole	0.0333	0.0765	0.1	ND	Pass	Spirotetramat	0.0299	0.0765	0.1	ND	Pass
Fenhexamid	0.0701	0.0765	0.1	ND	Pass	Spiroxamine *	0.0304	0.0765	0.0304	ND	Pass
Fenoxycarb *	0.0275	0.0765	0.0275	ND	Pass	Tebuconazole	0.0333	0.0765	0.1	ND	Pass
Fenpyroximate	0.025	0.0765	0.1	ND	Pass	Thiacloprid *	0.0324	0.0765	0.0324	ND	Pass
Fipronil *	0.0559	0.0765	0.0559	ND	Pass	Thiamethoxam	0.0382	0.0765	5	ND	Pass
Flonicamid	0.0422	0.0765	0.1	ND	Pass	Trifloxystrobin	0.0387	0.0765	0.1	ND	Pass

Date Tested: 08/20/2021

* 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

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Testing method: PCR-SOP 401

Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 08/23/2021

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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	1.9608	3.9216		ND	Tested
Aflatoxin B2	2.9412	3.9216		ND	Tested
Aflatoxin G1	2.451	3.9216		ND	Tested
Aflatoxin G2	2.9412	3.9216		ND	Tested
Total Aflatoxins	10.2941	15.6863	20	ND	Pass
Ochratoxin A	6.3725	15.1961	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	0.0493	0.2	<LOQ	Pass
Cadmium	0.003	0.0493	0.2	<LOQ	Pass
Lead	0.0099	0.0493	0.5	<LOQ	Pass
Mercury	0.002	0.0493	0.1	<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	0.079	0.9878	1	ND	Pass
Acetone	9.0873	49.3876	5000	ND	Pass
Acetonitrile	17.2659	57.6452	410	ND	Pass
Benzene	0.079	0.9878	1	ND	Pass
Butane	34.8874	116.3572	5000	ND	Pass
Chloroform	0.1976	0.9878	1	ND	Pass
Ethanol	14.7768	49.3876	5000	<LOQ	Pass
Ethyl acetate	12.6432	49.3876	5000	662.3	Pass
Ethylene Oxide	0.2766	0.9878	1	ND	Pass
Ethyl ether	15.804	52.7064	5000	ND	Pass
Heptane	41.6041	138.7594	5000	ND	Pass
Isopropyl alcohol	19.5575	65.2311	5000	ND	Pass
Methanol	147.175	490.9127	3000	ND	Pass
Methylene chloride	0.1185	0.9878	1	ND	Pass
Hexane	33.5836	111.9716	290	ND	Pass
Pentane	27.7361	92.5326	5000	ND	Pass
Propane	41.9202	139.8262	5000	ND	Pass
Toluene	23.706	79.0597	890	ND	Pass
Trichloroethylene	0.079	0.9878	1	ND	Pass
Total xylenes	64.7175	215.804	2170	ND	Pass

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