

Koi CBD Watermelon Green Apple Sour Vape Juice 500 mg

Sample ID: 2108CSALA6727.7001

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size: 1 units

Batch#: 2061BB0823

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

521.9561 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	0.0168	0.024	521.9561	17.6492
CBC	0.0204	0.024	ND	ND
CBCA *	0.0213	0.024	ND	ND
CBDa	0.0127	0.024	ND	ND
CBDV	0.0197	0.024	ND	ND
CBDVA *	0.0228	0.024	ND	ND
CBG	0.0221	0.024	ND	ND
CBGa	0.018	0.024	ND	ND
CBN	0.0235	0.024	ND	ND
CBT *	0.0201	0.0935	ND	ND
THCa	0.0177	0.024	ND	ND
THCV	0.0233	0.024	ND	ND
THCVA *	0.0233	0.024	ND	ND
Δ8-THC	0.0211	0.024	ND	ND
Δ9-THC	0.0199	0.024	ND	ND

Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
α-Terpinene	0.0052	0.0158	0.04	0.40
Guaiol	0.0106	0.032	<LOQ	<LOQ
α-Bisabolol	0.0093	0.0282	<LOQ	<LOQ
β-Pinene	0.0046	0.014	ND	ND
Camphene	0.0052	0.0156	ND	ND
Caryophyllene Oxide	0.0276	0.0837	ND	ND
Eucalyptol	0.0055	0.0168	ND	ND
Geraniol	0.0065	0.0197	ND	ND
Isopulegol	0.0089	0.027	ND	ND
Linalool	0.0072	0.0218	ND	ND
Ocimene	0.0034	0.0119	ND	ND
p-Cymene	0.0051	0.0155	ND	ND
Terpinolene	0.0053	0.0161	ND	ND
trans-Nerolidol	0.0069	0.021	ND	ND
α-Humulene	0.0055	0.0166	ND	ND
α-Pinene	0.0055	0.0168	ND	ND
β-Caryophyllene	0.0055	0.0166	ND	ND
β-Myrcene	0.0076	0.023	ND	ND
γ-Terpinene	0.0053	0.0161	ND	ND
δ-3-Carene	0.0051	0.0153	ND	ND
δ-Limonene	0.005	0.0152	ND	ND
Total			0.04	0.40

ND Total THC	521.9561 mg/package Total CBD
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Package = 1 Bottle, 1.0 fluid_ounces; Density = 1.1275 g/ml; 0.0 mg/package

Total THC; 521.9561 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

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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ISO / IEC 17025:2017 ACCREDITED
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	0.0669	0.0866	0.1	ND	Pass	Fludioxonil	0.0492	0.0768	0.1	ND	Pass
Acephate	0.0344	0.0768	0.1	ND	Pass	Hexythiazox	0.0399	0.0768	0.1	ND	Pass
Acequinocyl	0.0325	0.0768	0.1	ND	Pass	Imazalil *	0.0468	0.0768	0.0468	ND	Pass
Acetamiprid	0.0335	0.0768	0.1	ND	Pass	Imidacloprid	0.033	0.0768	5	ND	Pass
Aldicarb *	0.032	0.0768	0.032	ND	Pass	Kresoxim Methyl	0.0325	0.0768	0.1	ND	Pass
Azoxystrobin	0.033	0.0768	0.1	ND	Pass	Malathion	0.0487	0.0768	0.5	ND	Pass
Bifenazate	0.0679	0.0768	0.1	ND	Pass	Metalaxyl	0.0349	0.0768	2	ND	Pass
Bifenthrin	0.0655	0.0768	3	ND	Pass	Methiocarb *	0.0497	0.0768	0.0497	ND	Pass
Boscalid	0.0448	0.0768	0.1	ND	Pass	Methomyl	0.0389	0.0768	1	ND	Pass
Captan	0.315	0.6152	0.7	ND	Pass	Methyl Parathion *	0.0394	0.0787	0.0394	ND	Pass
Carbaryl	0.0394	0.0768	0.5	ND	Pass	Mevinphos *	0.0335	0.0768	0.0335	ND	Pass
Carbofuran *	0.0335	0.0768	0.0335	ND	Pass	Myclobutanil	0.0605	0.0768	0.1	ND	Pass
Chlorantranilprole	0.0325	0.0768	10	ND	Pass	Naled	0.0507	0.0768	0.1	ND	Pass
Chlordane *	0.0246	0.0787	0.0246	ND	Pass	Oxamyl	0.032	0.0768	0.5	ND	Pass
Chlorfenapyr *	0.0197	0.0787	0.0197	ND	Pass	Paclobutrazol *	0.061	0.0768	0.061	ND	Pass
Chlorpyrifos *	0.0325	0.0768	0.0325	ND	Pass	Pentachloronitrobenzene	0.0344	0.0787	0.1	ND	Pass
Clofentezine	0.0458	0.0768	0.1	ND	Pass	Permethrin	0.0492	0.0768	0.5	ND	Pass
Coumaphos *	0.0404	0.0768	0.0404	ND	Pass	Phosmet	0.033	0.0768	0.1	ND	Pass
Cyfluthrin	0.1457	0.154	2	ND	Pass	Piperonyl Butoxide	0.0384	0.0768	3	ND	Pass
Cypermethrin	0.0778	0.154	1	ND	Pass	Prallethrin	0.0399	0.0768	0.1	ND	Pass
Daminozide *	0.0428	0.0768	0.0428	ND	Pass	Propiconazole	0.0399	0.0768	0.1	ND	Pass
DDVP *	0.0369	0.0768	0.0369	ND	Pass	Propoxur *	0.0408	0.0768	0.0408	ND	Pass
Diazinon	0.03	0.0768	0.1	ND	Pass	Pyrethrins	0.1855	0.2175	0.5	ND	Pass
Dimethoate *	0.0271	0.0768	0.0271	ND	Pass	Pyridaben	0.0281	0.0576	0.1	ND	Pass
Dimethomorph	0.0325	0.0768	2	ND	Pass	Spinetoram	0.0413	0.0768	0.1	ND	Pass
Ethoprophos *	0.029	0.0768	0.029	ND	Pass	Spinosad	0.0379	0.0768	0.1	ND	Pass
Etofenprox *	0.0374	0.0768	0.0374	ND	Pass	Spiromesifen	0.0374	0.0768	0.1	ND	Pass
Etoxazole	0.0335	0.0768	0.1	ND	Pass	Spirotetramat	0.03	0.0768	0.1	ND	Pass
Fenhexamid	0.0704	0.0768	0.1	ND	Pass	Spiroxamine *	0.0305	0.0768	0.0305	ND	Pass
Fenoxycarb *	0.0276	0.0768	0.0276	ND	Pass	Tebuconazole	0.0335	0.0768	0.1	ND	Pass
Fenpyroximate	0.0251	0.0768	0.1	ND	Pass	Thiacloprid *	0.0325	0.0768	0.0325	ND	Pass
Fipronil *	0.0561	0.0768	0.0561	ND	Pass	Thiamethoxam	0.0384	0.0768	5	ND	Pass
Flonicamid	0.0423	0.0768	0.1	ND	Pass	Trifloxystrobin	0.0389	0.0768	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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 Laboratory Director
 08/23/2021



 Brandon Hill
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Microbials

Pass
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	1.9685	3.937		ND	Tested
Aflatoxin B2	2.9528	3.937		ND	Tested
Aflatoxin G1	2.4606	3.937		ND	Tested
Aflatoxin G2	2.9528	3.937		ND	Tested
Total Aflatoxins	10.3346	15.748	20	ND	Pass
Ochratoxin A	6.3976	15.2559	20	ND	Pass

Date Tested: 08/20/2021

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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	0.005	0.0495	0.2	<LOQ	Pass
Cadmium	0.003	0.0495	0.2	<LOQ	Pass
Lead	0.0099	0.0495	0.5	<LOQ	Pass
Mercury	0.002	0.0495	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	0.0767	0.9588	1	ND	Pass
Acetone	8.8207	47.9386	5000	ND	Pass
Acetonitrile	16.7593	55.954	410	ND	Pass
Benzene	0.0767	0.9588	1	ND	Pass
Butane	33.8639	112.9434	5000	ND	Pass
Chloroform	0.1918	0.9588	1	ND	Pass
Ethanol	14.3432	47.9386	5000	<LOQ	Pass
Ethyl acetate	12.2723	47.9386	5000	614.7	Pass
Ethylene Oxide	0.2685	0.9588	1	ND	Pass
Ethyl ether	15.3404	51.1601	5000	ND	Pass
Heptane	40.3835	134.6884	5000	ND	Pass
Isopropyl alcohol	18.9837	63.3174	5000	ND	Pass
Methanol	142.8571	476.5101	3000	ND	Pass
Methylene chloride	0.1151	0.9588	1	ND	Pass
Hexane	32.5983	108.6865	290	ND	Pass
Pentane	26.9223	89.8178	5000	ND	Pass
Propane	40.6903	135.7239	5000	ND	Pass
Toluene	23.0105	76.7402	890	ND	Pass
Trichloroethylene	0.0767	0.9588	1	ND	Pass
Total xylenes	62.8188	209.4727	2170	ND	Pass

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