

Koi CBD Tropical Popsicle Vape Juice 500 mg

Sample ID: 2108CSALA6727.6999

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size: 1 units

Batch#: 2059BB0823

Produced: 08/18/2021

Collected: 08/20/2021

Received: 08/20/2021

Completed: 08/23/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

521.1448 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	0.0169	0.0242	521.1448	17.6217
CBC	0.0205	0.0242	ND	ND
CBCA *	0.0215	0.0242	ND	ND
CBDa	0.0128	0.0242	ND	ND
CBDV	0.0198	0.0242	ND	ND
CBDVA *	0.0229	0.0242	ND	ND
CBG	0.0222	0.0242	ND	ND
CBGa	0.0181	0.0242	ND	ND
CBN	0.0237	0.0242	ND	ND
CBT *	0.0203	0.0942	ND	ND
THCa	0.0179	0.0242	ND	ND
THCV	0.0234	0.0242	ND	ND
THCVA *	0.0234	0.0242	ND	ND
Δ8-THC	0.0213	0.0242	ND	ND
Δ9-THC	0.02	0.0242	ND	ND

ND

Total THC

521.1448 mg/package

Total CBD

Package = 1 Bottle, 1.0 fluid_ounces; Density = 1.1172 g/ml; 0.0 mg/package

Total THC; 521.1448 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
Isopulegol	0.009	0.0274	<LOQ	<LOQ
Guaiol	0.0107	0.0323	<LOQ	<LOQ
α-Bisabolol	0.0094	0.0286	<LOQ	<LOQ
Geraniol	0.0066	0.0199	<LOQ	<LOQ
β-Pinene	0.0047	0.0142	ND	ND
Camphene	0.0052	0.0158	ND	ND
Caryophyllene Oxide	0.0279	0.0847	ND	ND
Eucalyptol	0.0056	0.017	ND	ND
Linalool	0.0073	0.0221	ND	ND
Ocimene	0.0035	0.0121	ND	ND
p-Cymene	0.0052	0.0157	ND	ND
Terpinolene	0.0054	0.0163	ND	ND
trans-Nerolidol	0.007	0.0212	ND	ND
α-Humulene	0.0055	0.0168	ND	ND
α-Pinene	0.0056	0.017	ND	ND
α-Terpinene	0.0053	0.016	ND	ND
β-Caryophyllene	0.0055	0.0168	ND	ND
β-Myrcene	0.0077	0.0233	ND	ND
γ-Terpinene	0.0054	0.0163	ND	ND
δ-3-Carene	0.0051	0.0155	ND	ND
δ-Limonene	0.0051	0.0154	ND	ND
Total			0.00	0.00

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

Neyajourabchian

Neyajourabchian
Laboratory Director
08/23/2021

Brandon Hill

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	0.067	0.0867	0.1	ND	Pass	Fludioxonil	0.0493	0.0768	0.1	ND	Pass
Acephate	0.0345	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	0.0488	0.0768	0.5	ND	Pass
Bifenazate	0.068	0.0768	0.1	ND	Pass	Metalaxyl	0.035	0.0768	2	ND	Pass
Bifenthrin	0.0655	0.0768	3	ND	Pass	Methiocarb *	0.0498	0.0768	0.0498	ND	Pass
Boscalid	0.0448	0.0768	0.1	ND	Pass	Methomyl	0.0389	0.0768	1	ND	Pass
Captan	0.3153	0.6158	0.7	ND	Pass	Methyl Parathion *	0.0394	0.0788	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	0.0606	0.0768	0.1	ND	Pass
Chlorantraniliprole	0.0325	0.0768	10	ND	Pass	Naled	0.0507	0.0768	0.1	ND	Pass
Chlordane *	0.0246	0.0788	0.0246	ND	Pass	Oxamyl	0.032	0.0768	0.5	ND	Pass
Chlorfenapyr *	0.0197	0.0788	0.0197	ND	Pass	Paclobutrazol *	0.0611	0.0768	0.0611	ND	Pass
Chlorpyrifos *	0.0325	0.0768	0.0325	ND	Pass	Pentachloronitrobenzene	0.0345	0.0788	0.1	ND	Pass
Clofentezine	0.0458	0.0768	0.1	ND	Pass	Permethrin	0.0493	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	0.1458	0.1542	2	ND	Pass	Piperonyl Butoxide	0.0384	0.0768	3	ND	Pass
Cypermethrin	0.0778	0.1542	1	ND	Pass	Prallethrin	0.0399	0.0768	0.1	ND	Pass
Daminozide *	0.0429	0.0768	0.0429	ND	Pass	Propiconazole	0.0399	0.0768	0.1	ND	Pass
DDVP *	0.0369	0.0768	0.0369	ND	Pass	Propoxur *	0.0409	0.0768	0.0409	ND	Pass
Diazinon	0.03	0.0768	0.1	ND	Pass	Pyrethrins	0.1857	0.2177	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	0.0414	0.0768	0.1	ND	Pass
Ethoprophos *	0.0291	0.0768	0.0291	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 *	0.0562	0.0768	0.0562	ND	Pass	Thiamethoxam	0.0384	0.0768	5	ND	Pass
Flonicamid	0.0424	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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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	1.9704	3.9409		ND	Tested
Aflatoxin B2	2.9557	3.9409		ND	Tested
Aflatoxin G1	2.4631	3.9409		ND	Tested
Aflatoxin G2	2.9557	3.9409		ND	Tested
Total Aflatoxins	10.3448	15.7635	20	ND	Pass
Ochratoxin A	6.4039	15.2709	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

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.0783	0.9785	1	ND	Pass
Acetone	9.002	48.9237	5000	ND	Pass
Acetonitrile	17.1037	57.1037	410	ND	Pass
Benzene	0.0783	0.9785	1	ND	Pass
Butane	34.5597	115.2642	5000	ND	Pass
Chloroform	0.1957	0.9785	1	ND	Pass
Ethanol	14.638	48.9237	5000	106.5	Pass
Ethyl acetate	12.5245	48.9237	5000	441.4	Pass
Ethylene Oxide	0.274	0.9785	1	ND	Pass
Ethyl ether	15.6556	52.2114	5000	ND	Pass
Heptane	41.2133	137.456	5000	ND	Pass
Isopropyl alcohol	19.3738	64.6184	5000	ND	Pass
Methanol	145.7926	486.3014	3000	ND	Pass
Methylene chloride	0.1174	0.9785	1	ND	Pass
Hexane	33.2681	110.9198	290	ND	Pass
Pentane	27.4755	91.6634	5000	ND	Pass
Propane	41.5264	138.5127	5000	ND	Pass
Toluene	23.4834	78.317	890	ND	Pass
Trichloroethylene	0.0783	0.9785	1	ND	Pass
Total xylenes	64.1096	213.7769	2170	ND	Pass

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