

Koi CBD Blue Raspberry Dragon Fruit Vape Juice 250 mg

Sample ID: 2108CSALA6727.7003

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size: 1 units

Batch#: 2063BB0823

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

260.8158 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	0.0166	0.0237	260.8158	8.8191
CBC	0.0202	0.0237	ND	ND
CBCA *	0.0211	0.0237	ND	ND
CBDa	0.0126	0.0237	ND	ND
CBDV	0.0195	0.0237	ND	ND
CBDVA *	0.0225	0.0237	ND	ND
CBG	0.0218	0.0237	ND	ND
CBGa	0.0178	0.0237	ND	ND
CBN	0.0232	0.0237	ND	ND
CBT *	0.0199	0.0925	ND	ND
THCa	0.0176	0.0237	ND	ND
THCV	0.023	0.0237	ND	ND
THCVA *	0.023	0.0237	ND	ND
Δ8-THC	0.0209	0.0237	ND	ND
Δ9-THC	0.0197	0.0237	ND	ND

Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
Isopulegol	0.0089	0.0268	<LOQ	<LOQ
β-Pinene	0.0046	0.0139	ND	ND
Camphene	0.0051	0.0155	ND	ND
Caryophyllene Oxide	0.0274	0.083	ND	ND
Eucalyptol	0.0055	0.0167	ND	ND
Geraniol	0.0064	0.0195	ND	ND
Guaiol	0.0105	0.0317	ND	ND
Linalool	0.0071	0.0216	ND	ND
Ocimene	0.0034	0.0118	ND	ND
p-Cymene	0.0051	0.0154	ND	ND
Terpinolene	0.0053	0.016	ND	ND
trans-Nerolidol	0.0069	0.0208	ND	ND
α-Bisabolol	0.0093	0.028	ND	ND
α-Humulene	0.0054	0.0164	ND	ND
α-Pinene	0.0055	0.0166	ND	ND
α-Terpinene	0.0052	0.0157	ND	ND
β-Caryophyllene	0.0054	0.0165	ND	ND
β-Myrcene	0.0075	0.0228	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			0.00	0.00

ND Total THC	260.8158 mg/package Total CBD
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Package = 1 Bottle, 1.0 fluid_ounces; Density = 1.1187 g/ml; 0.0 mg/package

Total THC; 260.8158 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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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	0.0672	0.087	0.1	ND	Pass	Fludioxonil	0.0494	0.0771	0.1	ND	Pass
Acephate	0.0346	0.0771	0.1	ND	Pass	Hexythiazox	0.04	0.0771	0.1	ND	Pass
Acequinocyl	0.0326	0.0771	0.1	ND	Pass	Imazalil *	0.0469	0.0771	0.0469	ND	Pass
Acetamiprid	0.0336	0.0771	0.1	ND	Pass	Imidacloprid	0.0331	0.0771	5	ND	Pass
Aldicarb *	0.0321	0.0771	0.0321	ND	Pass	Kresoxim Methyl	0.0326	0.0771	0.1	ND	Pass
Azoxystrobin	0.0331	0.0771	0.1	ND	Pass	Malathion	0.0489	0.0771	0.5	ND	Pass
Bifenazate	0.0682	0.0771	0.1	ND	Pass	Metalaxyl	0.0351	0.0771	2	ND	Pass
Bifenthrin	0.0657	0.0771	3	ND	Pass	Methiocarb *	0.0499	0.0771	0.0499	ND	Pass
Boscalid	0.045	0.0771	0.1	ND	Pass	Methomyl	0.039	0.0771	1	ND	Pass
Captan	0.3162	0.6176	0.7	ND	Pass	Methyl Parathion *	0.0395	0.0791	0.0395	ND	Pass
Carbaryl	0.0395	0.0771	0.5	ND	Pass	Mevinphos *	0.0336	0.0771	0.0336	ND	Pass
Carbofuran *	0.0336	0.0771	0.0336	ND	Pass	Myclobutanil	0.0608	0.0771	0.1	ND	Pass
Chlorantranilprole	0.0326	0.0771	10	ND	Pass	Naled	0.0509	0.0771	0.1	ND	Pass
Chlordane *	0.0247	0.0791	0.0247	ND	Pass	Oxamyl	0.0321	0.0771	0.5	ND	Pass
Chlorfenapyr *	0.0198	0.0791	0.0198	ND	Pass	Paclobutrazol *	0.0613	0.0771	0.0613	ND	Pass
Chlorpyrifos *	0.0326	0.0771	0.0326	ND	Pass	Pentachloronitrobenzene	0.0346	0.0791	0.1	ND	Pass
Clofentezine	0.0459	0.0771	0.1	ND	Pass	Permethrin	0.0494	0.0771	0.5	ND	Pass
Coumaphos *	0.0405	0.0771	0.0405	ND	Pass	Phosmet	0.0331	0.0771	0.1	ND	Pass
Cyfluthrin	0.1462	0.1546	2	ND	Pass	Piperonyl Butoxide	0.0385	0.0771	3	ND	Pass
Cypermethrin	0.0781	0.1546	1	ND	Pass	Prallethrin	0.04	0.0771	0.1	ND	Pass
Daminozide *	0.043	0.0771	0.043	ND	Pass	Propiconazole	0.04	0.0771	0.1	ND	Pass
DDVP *	0.0371	0.0771	0.0371	ND	Pass	Propoxur *	0.041	0.0771	0.041	ND	Pass
Diazinon	0.0301	0.0771	0.1	ND	Pass	Pyrethrins	0.1863	0.2184	0.5	ND	Pass
Dimethoate *	0.0272	0.0771	0.0272	ND	Pass	Pyridaben	0.0282	0.0578	0.1	ND	Pass
Dimethomorph	0.0326	0.0771	2	ND	Pass	Spinetoram	0.0415	0.0771	0.1	ND	Pass
Ethoprophos *	0.0292	0.0771	0.0292	ND	Pass	Spinosad	0.038	0.0771	0.1	ND	Pass
Etofenprox *	0.0375	0.0771	0.0375	ND	Pass	Spiromesifen	0.0375	0.0771	0.1	ND	Pass
Etoxazole	0.0336	0.0771	0.1	ND	Pass	Spirotetramat	0.0301	0.0771	0.1	ND	Pass
Fenhexamid	0.0707	0.0771	0.1	ND	Pass	Spiroxamine *	0.0306	0.0771	0.0306	ND	Pass
Fenoxycarb *	0.0277	0.0771	0.0277	ND	Pass	Tebuconazole	0.0336	0.0771	0.1	ND	Pass
Fenpyroximate	0.0252	0.0771	0.1	ND	Pass	Thiacloprid *	0.0326	0.0771	0.0326	ND	Pass
Fipronil *	0.0563	0.0771	0.0563	ND	Pass	Thiamethoxam	0.0385	0.0771	5	ND	Pass
Flonicamid	0.0425	0.0771	0.1	ND	Pass	Trifloxystrobin	0.039	0.0771	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

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	1.9763	3.9526		ND	Tested
Aflatoxin B2	2.9644	3.9526		ND	Tested
Aflatoxin G1	2.4704	3.9526		ND	Tested
Aflatoxin G2	2.9644	3.9526		ND	Tested
Total Aflatoxins	10.3755	15.8103	20	ND	Pass
Ochratoxin A	6.4229	15.3162	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	0.0049	0.0492	0.2	<LOQ	Pass
Cadmium	0.003	0.0492	0.2	<LOQ	Pass
Lead	0.0098	0.0492	0.5	<LOQ	Pass
Mercury	0.002	0.0492	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	0.0744	0.9299	1	ND	Pass
Acetone	8.555	46.4943	5000	ND	Pass
Acetonitrile	16.2544	54.2682	410	ND	Pass
Benzene	0.0744	0.9299	1	ND	Pass
Butane	32.8436	109.5406	5000	ND	Pass
Chloroform	0.186	0.9299	1	ND	Pass
Ethanol	13.9111	46.4943	5000	<LOQ	Pass
Ethyl acetate	11.9025	46.4943	5000	51.0	Pass
Ethylene Oxide	0.2604	0.9299	1	ND	Pass
Ethyl ether	14.8782	49.6187	5000	ND	Pass
Heptane	39.1668	130.6305	5000	ND	Pass
Isopropyl alcohol	18.4118	61.4097	5000	ND	Pass
Methanol	138.5531	462.1536	3000	ND	Pass
Methylene chloride	0.1116	0.9299	1	ND	Pass
Hexane	31.6161	105.4119	290	ND	Pass
Pentane	26.1112	87.1118	5000	ND	Pass
Propane	39.4644	131.6347	5000	ND	Pass
Toluene	22.3173	74.4281	890	ND	Pass
Trichloroethylene	0.0744	0.9299	1	ND	Pass
Total xylenes	60.9262	203.1616	2170	ND	Pass

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