

Koi Blue-Blue Raspberry Dragon Fruit 100mg

Sample ID: 1903CSALA1538.5355
Strain: Raspberry Dragon 100mg
Matrix: Ingestible
Type: Tincture
Sample Size: 1 units; Batch:

Produced: N/A
Collected: 03/06/2019
Received: 03/06/2019
Completed: 03/18/2019
Batch#: 9050BL100

Client
Koi CBD
Lic. #
14631 Best Ave
Norwalk, CA 90650



Summary

Pass

98.73 mg/unit Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals

Cannabinoids

Complete

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/unit	mg/g
THCa	0.00763	0.0340	ND	ND
Δ9-THC	0.01440	0.0340	ND	ND
Δ8-THC	0.01433	0.0340	ND	ND
THCV	0.01335	0.0340	ND	ND
CBDa	0.00691	0.0340	ND	ND
CBD	0.01270	0.0340	98.73	2.90
CBDV	0.00340	0.0340	ND	ND
CBN	0.00552	0.0340	ND	ND
CBGa	0.00667	0.0340	ND	ND
CBG	0.01270	0.0340	ND	ND
CBC	0.00487	0.0340	ND	ND
Total			98.73	2.90

ND
Total THC

98.73 mg/unit
Total CBD

1 Unit = 1 Bottle, 34.044g; 1 servings per container; 0.0 mg/unit THC per container

Terpenes

Not Tested

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Mass	Mass
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Date Tested: 03/13/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NR = Not Reported; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample;

NT Moisture Moisture Analyzer SOP-103 Date Tested:	NR Water Activity Water Activity Meter SOP-102 Date Tested: 03/18/2019	Pass Foreign Matter Visual Inspection SOP-001 Date Tested: 03/09/2019
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ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653

Mallory Speakman
Laboratory Director - LA
03/18/2019

Anya Engen
Quality Manager
03/18/2019



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Pesticides

Test Method: LCMS & GCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.018	0.059	0.3	ND	Pass	Fludioxonil	0.007	0.024	30	ND	Pass
Acephate	0.009	0.029	5	ND	Pass	Hexythiazox	0.007	0.024	2	ND	Pass
Acequinocyl	0.005	0.018	4	ND	Pass	Imazalil	0.004	0.012	0.004	ND	Pass
Acetamiprid	0.004	0.013	5	ND	Pass	Imidacloprid	0.039	0.129	3	ND	Pass
Aldicarb	0.004	0.013	0.004	ND	Pass	Kresoxim Methyl	0.005	0.017	1	ND	Pass
Azoxystrobin	0.006	0.019	40	ND	Pass	Malathion	0.01	0.032	5	ND	Pass
Bifenazate	0.004	0.014	5	ND	Pass	Metalaxyl	0.003	0.01	15	ND	Pass
Bifenthrin	0.008	0.027	0.5	ND	Pass	Methiocarb	0.006	0.02	0.006	ND	Pass
Boscalid	0.006	0.019	10	ND	Pass	Methomyl	0.009	0.03	0.1	ND	Pass
Captan	0.0789	0.2631	5	ND	Pass	Methyl Parathion	0.007	0.0233	0.007	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos	0.003	0.011	0.003	ND	Pass
Carbofuran	0.005	0.018	0.005	ND	Pass	Myclobutanil	0.017	0.058	9	ND	Pass
Chlorantraniliprole	0.007	0.024	40	ND	Pass	Naled	0.007	0.024	0.5	ND	Pass
Chlordane	0.0291	0.0969	0.0291	ND	Pass	Oxamyl	0.003	0.009	0.2	ND	Pass
Chlorfenapyr	0.01	0.033	0.01	ND	Pass	Paclbutrazol	0.013	0.044	0.013	ND	Pass
Chlorpyrifos	0.005	0.017	0.005	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.2	ND	Pass
Clofentezine	0.006	0.019	0.5	ND	Pass	Permethrin	0.011	0.036	20	ND	Pass
Coumaphos	0.009	0.028	0.009	ND	Pass	Phosmet	0.007	0.025	0.2	ND	Pass
Cyfluthrin	0.008	0.026	1	ND	Pass	Piperonyl Butoxide	0.005	0.018	8	ND	Pass
Cypermethrin	0.013	0.044	1	ND	Pass	Prallethrin	0.007	0.024	0.4	ND	Pass
Daminozide	0.021	0.07	0.021	ND	Pass	Propiconazole	0.008	0.026	20	ND	Pass
DDVP	0.004	0.012	0.004	ND	Pass	Propoxur	0.004	0.013	0.004	ND	Pass
Diazinon	0.005	0.017	0.2	ND	Pass	Pyrethrins	0.003	0.01	1	ND	Pass
Dimethoate	0.003	0.011	0.003	ND	Pass	Pyridaben	0.008	0.027	3	ND	Pass
Dimethomorph	0.007	0.023	20	ND	Pass	Spinetoram	0.007	0.022	3	ND	Pass
Ethoprophos	0.004	0.013	0.004	ND	Pass	Spinosad	0.005	0.016	3	ND	Pass
Etofenprox	0.005	0.017	0.005	ND	Pass	Spiromesifen	0.007	0.023	12	ND	Pass
Etoazole	0.006	0.018	1.5	ND	Pass	Spirotetramat	0.009	0.03	13	ND	Pass
Fenhexamid	0.009	0.03	10	ND	Pass	Spiroxamine	0.006	0.019	0.006	ND	Pass
Fenoxycarb	0.007	0.022	0.007	ND	Pass	Tebuconazole	0.013	0.042	2	ND	Pass
Fenpyroximate	0.009	0.03	2	ND	Pass	Thiacloprid	0.007	0.023	0.007	ND	Pass
Fipronil	0.017	0.056	0.017	ND	Pass	Thiamethoxam	0.004	0.013	4.5	ND	Pass
Fonicamid	0.0244	0.0814	2	ND	Pass	Trifloxystrobin	0.004	0.014	30	ND	Pass

Date Tested: 03/11/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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Residual Solvents

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.024	0.24	1	ND	Pass
Acetone	0.112	1.12	5000	ND	Pass
Acetonitrile	0.0196	0.196	410	ND	Pass
Benzene	0.0096	0.096	1	ND	Pass
Butane	0.2	2	5000	ND	Pass
Chloroform	0.0288	0.288	1	ND	Pass
Ethanol	0.112	1.12	5000	3211.43	Pass
Ethyl-Acetate	0.112	1.12	5000	83.11	Pass
Ethyl-Ether	0.112	1.12	5000	ND	Pass
Ethylene Oxide	0.024	0.24	1	ND	Pass
Heptane	0.112	1.12	5000	ND	Pass
Isopropanol	0.112	1.12	5000	ND	Pass
Methanol	0.144	1.44	3000	ND	Pass
Methylene-Chloride	0.0288	0.288	1	ND	Pass
n-Hexane	0.1392	1.392	290	ND	Pass
Pentane	0.112	1.12	5000	ND	Pass
Propane	0.08	0.8	5000	ND	Pass
Toluene	0.4272	4.272	890	ND	Pass
Trichloroethene	0.0384	0.384	1	ND	Pass
Xylenes	1.0416	10.416	2170	ND	Pass

Date Tested: 03/12/2019

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Microbials

Test method: PCR-SOP 401

Analyte

Shiga toxin-producing E. Coli
Salmonella

Result
Not Detected
Not Detected

Pass

Status
Pass
Pass

Date Tested: 03/11/2019

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Mycotoxins

Test method: LCMS-SOP 301

Analyte

B1
B2
G1
G2
Total Aflatoxins
Ochratoxin A

LOD	LOQ	Limit	Units
µg/kg	µg/kg	µg/kg	µg/kg
0.001	0.005		ND
0.007	0.022		ND
0.007	0.022		ND
0.006	0.021		ND
		20	ND
0.013	0.045	20	ND

Pass

Status
Tested
Tested
Tested
Tested
Pass
Pass

Date Tested: 03/11/2019

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Heavy Metals

Testing method: ICPMS-SOP 501

Analyte

Arsenic
Cadmium
Lead
Mercury

LOD	LOQ	Limit	Units
µg/g	µg/g	µg/g	µg/g
0.001	0.01	1.5	0.367
0.001	0.01	0.5	ND
0.001	0.01	0.5	ND
0.001	0.01	3	ND

Pass

Status
Pass
Pass
Pass
Pass

Date Tested: 03/15/2019

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