

Koi Blue Raspberry Dragon Fruit 500mg

Sample ID: 1905CSALA3340.1612

Strain: Blue Raspberry 500mg

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/02/2019

Received: 05/02/2019

Completed: 05/09/2019

Batch#: 9107BL500

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



Summary

Pass

**495.44
mg/package**

Total Cannabinoids

Pass

Pesticides

Pass

Residual Solvents

Pass

Microbials

Pass

Mycotoxins

Pass

Heavy Metals

Cannabinoids

Testing method: HPLC-SOP 101

Pass

| Analyte | LOD | LOQ | Mass | Mass |
|--------------|------------|------------|---------------|--------------|
| | mg/package | mg/package | mg/package | mg/ml |
| CBD | 0.01278 | 0.03426 | 495.44 | 16.51 |
| CBC | 0.0049 | 0.03426 | ND | ND |
| CBDa | 0.00696 | 0.03426 | ND | ND |
| CBDV | 0.00343 | 0.03426 | ND | ND |
| CBG | 0.01278 | 0.03426 | ND | ND |
| CBGa | 0.00672 | 0.03426 | ND | ND |
| CBN | 0.00555 | 0.03426 | ND | ND |
| THCa | 0.00767 | 0.03426 | ND | ND |
| THCV | 0.01343 | 0.03426 | ND | ND |
| Δ8-THC | 0.01442 | 0.03426 | ND | ND |
| Δ9-THC | 0.01449 | 0.03426 | ND | ND |
| Total | | | 495.44 | 16.51 |

ND

Total THC

495.44 mg/package

Total CBD

1 serving = 1 tincture bottle, 30.0 milliliters; Density = 1.1421 g/ml; 1.0 servings per package; 0.0 mg/package Total THC; 495.44 mg/package Total CBD;

Date Tested: 05/07/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

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Terpenes

Testing method: HS-GC-FID - SOP 201

Complete

| Analyte | LOD | LOQ | Mass | Mass |
|---------------------|---------|--------|-----------|-----------|
| | % | % | % | mg/g |
| Camphene | 0.00072 | 0.0013 | ND | ND |
| Caryophyllene Oxide | 0.00017 | 0.0013 | ND | ND |
| Eucalyptol | 0.00017 | 0.0013 | ND | ND |
| Geraniol | 0.00013 | 0.0013 | ND | ND |
| Guaiol | 0.00018 | 0.0013 | ND | ND |
| Isopulegol | 0.00011 | 0.0013 | ND | ND |
| Linalool | 0.00015 | 0.0013 | ND | ND |
| Ocimene | 0.00013 | 0.0013 | ND | ND |
| p-Cymene | 0.0001 | 0.0013 | ND | ND |
| Terpinolene | 0.00016 | 0.0013 | ND | ND |
| trans-Nerolidol | 0.00058 | 0.0013 | ND | ND |
| α-Bisabolol | 0.00015 | 0.0013 | ND | ND |
| α-Humulene | 0.00057 | 0.0013 | ND | ND |
| α-Pinene | 0.00015 | 0.0013 | ND | ND |
| α-Terpinene | 0.00012 | 0.0013 | ND | ND |
| β-Caryophyllene | 0.00017 | 0.0013 | ND | ND |
| β-Myrcene | 0.00012 | 0.0013 | ND | ND |
| β-Pinene | 0.00034 | 0.0013 | ND | ND |
| γ-Terpinene | 0.00012 | 0.0013 | ND | ND |
| δ-3-Carene | 0.0004 | 0.0013 | ND | ND |
| δ-Limonene | 0.00016 | 0.0013 | ND | ND |
| Total | | | ND | ND |

Date Tested: 05/07/2019

NT

Moisture

Moisture Analyzer SOP-103

NT

Water Activity

Water Activity Meter SOP-102

Pass

Foreign Matter

Visual Inspection SOP-001

Date Tested: 05/03/2019


ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653



Mallory Speakman
Laboratory Director - LA
05/09/2019



Anya Engen
Quality Manager
05/09/2019



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Pesticides

Testing 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 | 0.1 | ND | Pass | Fludioxonil | 0.007 | 0.024 | 0.1 | ND | Pass |
| Acephate | 0.009 | 0.029 | 0.1 | ND | Pass | Hexythiazox | 0.007 | 0.024 | 0.1 | ND | Pass |
| Acequinocyl | 0.005 | 0.018 | 0.1 | ND | Pass | Imazalil * | 0.004 | 0.012 | 0.1 | ND | Pass |
| Acetamiprid | 0.004 | 0.013 | 0.1 | ND | Pass | Imidacloprid | 0.039 | 0.129 | 5.0 | ND | Pass |
| Aldicarb * | 0.004 | 0.013 | 0.1 | ND | Pass | Kresoxim Methyl | 0.005 | 0.017 | 0.1 | ND | Pass |
| Azoxystrobin | 0.006 | 0.019 | 0.1 | ND | Pass | Malathion | 0.01 | 0.032 | 0.5 | ND | Pass |
| Bifenazate | 0.004 | 0.014 | 0.1 | ND | Pass | Metalaxyl | 0.003 | 0.01 | 2.0 | ND | Pass |
| Bifenthrin | 0.008 | 0.027 | 3.0 | ND | Pass | Methiocarb * | 0.006 | 0.02 | 0.1 | ND | Pass |
| Boscalid | 0.006 | 0.019 | 0.1 | ND | Pass | Methomyl | 0.009 | 0.03 | 1.0 | ND | Pass |
| Captan | 0.0789 | 0.2631 | 0.7 | ND | Pass | Methyl Parathion * | 0.007 | 0.0233 | 0.1 | ND | Pass |
| Carbaryl | 0.005 | 0.015 | 0.5 | ND | Pass | Mevinphos * | 0.003 | 0.011 | 0.1 | ND | Pass |
| Carbofuran * | 0.005 | 0.018 | 0.1 | ND | Pass | Myclobutanil | 0.017 | 0.058 | 0.1 | ND | Pass |
| Chlorantraniliprole | 0.007 | 0.024 | 10.0 | ND | Pass | Naled | 0.007 | 0.024 | 0.1 | ND | Pass |
| Chlordane * | 0.0291 | 0.0969 | 0.1 | ND | Pass | Oxamyl | 0.003 | 0.009 | 0.5 | ND | Pass |
| Chlorfenapyr * | 0.01 | 0.033 | 0.1 | ND | Pass | Paclobutrazol * | 0.013 | 0.044 | 0.1 | ND | Pass |
| Chlorpyrifos * | 0.005 | 0.017 | 0.1 | ND | Pass | Pentachloronitrobenzene | 0.0046 | 0.0152 | 0.1 | ND | Pass |
| Clofentezine | 0.006 | 0.019 | 0.1 | ND | Pass | Permethrin | 0.011 | 0.036 | 0.5 | ND | Pass |
| Coumaphos * | 0.009 | 0.028 | 0.1 | ND | Pass | Phosmet | 0.007 | 0.025 | 0.1 | ND | Pass |
| Cyfluthrin | 0.008 | 0.026 | 2.0 | ND | Pass | Piperonyl Butoxide | 0.005 | 0.018 | 3.0 | ND | Pass |
| Cypermethrin | 0.013 | 0.044 | 1.0 | ND | Pass | Prallethrin | 0.007 | 0.024 | 0.1 | ND | Pass |
| Daminozide * | 0.021 | 0.07 | 0.1 | ND | Pass | Propiconazole | 0.008 | 0.026 | 0.1 | ND | Pass |
| DDVP * | 0.004 | 0.012 | 0.1 | ND | Pass | Propoxur * | 0.004 | 0.013 | 0.1 | ND | Pass |
| Diazinon | 0.005 | 0.017 | 0.1 | ND | Pass | Pyrethrins | 0.003 | 0.01 | 0.5 | ND | Pass |
| Dimethoate * | 0.003 | 0.011 | 0.1 | ND | Pass | Pyridaben | 0.008 | 0.027 | 0.1 | ND | Pass |
| Dimethomorph | 0.007 | 0.023 | 2.0 | ND | Pass | Spinetoram | 0.007 | 0.022 | 0.1 | ND | Pass |
| Ethoprophos * | 0.004 | 0.013 | 0.1 | ND | Pass | Spinosad | 0.005 | 0.016 | 0.1 | ND | Pass |
| Etofenprox * | 0.005 | 0.017 | 0.1 | ND | Pass | Spiromesifen | 0.007 | 0.023 | 0.1 | ND | Pass |
| Etoxazole | 0.006 | 0.018 | 0.1 | ND | Pass | Spirotetramat | 0.009 | 0.03 | 0.1 | ND | Pass |
| Fenhexamid | 0.009 | 0.03 | 0.1 | ND | Pass | Spiroxamine * | 0.006 | 0.019 | 0.1 | ND | Pass |
| Fenoxycarb * | 0.007 | 0.022 | 0.1 | ND | Pass | Tebuconazole | 0.013 | 0.042 | 0.1 | ND | Pass |
| Fenpyroximate | 0.009 | 0.03 | 0.1 | ND | Pass | Thiacloprid * | 0.007 | 0.023 | 0.1 | ND | Pass |
| Fipronil * | 0.017 | 0.056 | 0.1 | ND | Pass | Thiamethoxam | 0.004 | 0.013 | 5.0 | ND | Pass |
| Flonicamid | 0.0244 | 0.0814 | 0.1 | ND | Pass | Trifloxystrobin | 0.004 | 0.014 | 0.1 | ND | Pass |

Date Tested: 05/07/2019

* 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

Testing method: PCR-SOP 401

Pass

| 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 |

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Mycotoxins

Testing method: LCMS-SOP 301

Pass

| Analyte | LOD | LOQ | Limit | Units | Status |
|------------------|-------|-------|-------|-------|--------|
| | µg/kg | µg/kg | µg/kg | µg/kg | |
| Aflatoxin B1 | 0.001 | 0.005 | | ND | Tested |
| Aflatoxin B2 | 0.007 | 0.022 | | ND | Tested |
| Aflatoxin G1 | 0.007 | 0.022 | | ND | Tested |
| Aflatoxin G2 | 0.006 | 0.021 | | ND | Tested |
| Total Aflatoxins | | | 20.0 | ND | Pass |
| Ochratoxin A | 0.013 | 0.045 | 20.0 | ND | Pass |

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Heavy Metals

Testing method: ICPMS-SOP 501

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status |
|---------|-------|------|-------|-------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.001 | 0.01 | 0.2 | 0.021 | Pass |
| Cadmium | 0.001 | 0.01 | 0.2 | ND | Pass |
| Lead | 0.001 | 0.01 | 0.5 | ND | Pass |
| Mercury | 0.001 | 0.01 | 0.1 | <LOQ | Pass |

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Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

| 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 | 2.0 | 5000 | ND | Pass |
| Chloroform | 0.0288 | 0.288 | 1 | ND | Pass |
| Ethanol | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethyl-Acetate | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethylene Oxide | 0.024 | 0.24 | 1 | ND | Pass |
| Ethyl-Ether | 0.112 | 1.12 | 5000 | 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 |

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