

# 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**

|  |                           |                                  |
|--|---------------------------|----------------------------------|
| <b>495.44 mg/package</b><br>Total Cannabinoids | <b>Pass</b><br>Pesticides | <b>Pass</b><br>Residual Solvents |
| <b>Pass</b><br>Microbials                      | <b>Pass</b><br>Mycotoxins | <b>Pass</b><br>Heavy Metals      |

## Cannabinoids

**Pass**

Testing method: HPLC-SOP 101

| 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           |
| <b>Total</b> |            |            | <b>495.44</b> | <b>16.51</b> |

|                        |                                       |
|------------------------|---------------------------------------|
| <b>ND</b><br>Total THC | <b>495.44 mg/package</b><br>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

**Complete**

Testing method: HS-GC-FID - SOP 201

| 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        |
| <b>Total</b>        |         |        | <b>ND</b> | <b>ND</b> |

Date Tested: 05/07/2019

|   |  |   |
|---|--|---|
| <b>NT</b><br>Moisture<br>Moisture Analyzer SOP-103<br>- | <b>NT</b><br>Water Activity<br>Water Activity Meter SOP-102<br>- | <b>Pass</b><br>Foreign Matter<br>Visual Inspection SOP-001<br>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  
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## Koi Blue Raspberry Dragon Fruit 500mg

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Strain: Blue Raspberry 500mg

Matrix: Concentrates &amp; Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/02/2019

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Batch#: 9107BL500

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Pesticides

Testing method: LCMS &amp; 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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 Type: Other  
 Sample Size: 1 units  
 Batch Size:

 Produced: N/A  
 Collected: 05/02/2019  
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 Batch#: 9107BL500

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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   |

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### Mycotoxins

Pass

Testing method: LCMS-SOP 301

| 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

Pass

Testing method: ICPMS-SOP 501

| 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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Type: Other

Sample Size: 1 units

Batch Size:

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Batch#: 9107BL500

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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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