

## CHERRY FULL SPEC SLEEP

**Sample ID:** 2204CSALA9987.6518

**Matrix:** Ingestible

**Type:** Solid Product

**Sample Size:** 1 units

**Batch Size:** 10000 units

**Batch#:** CHERRY: 04072022

**Produced:** 04/08/2022

**Collected:** 04/13/2022

**Received:** 04/13/2022

**Completed:** 04/15/2022

**Client**
**Koi CBD Testing**
**Lic. #**

5615 Industrial Place

Colorado Springs, CO 80916



### Summary

**Pass**

|  |   |   |
|--|---|---|
| <b>47.4338 mg/serving</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   |
| <b>NT</b><br>Moisture<br>Moisture Analyzer SOP-103 | <b>Pass</b><br><b>0.670 aw</b><br>Water Activity<br>Water Activity Meter SOP-102<br>Date Tested: 04/14/2022 | <b>Pass</b><br>Foreign Matter<br>Visual Inspection SOP-600<br>Date Tested: 04/13/2022 |

### Cannabinoids

**Pass**

Testing method: HPLC-SOP 101

| Analyte | LOD    | LOQ    | Results | Results    |
|---------|--------|--------|---------|------------|
|         | mg/g   | mg/g   | mg/g    | mg/serving |
| CBD     | 0.0175 | 0.025  | 5.0805  | 24.8945    |
| CBN     | 0.0245 | 0.025  | 2.1560  | 10.5644    |
| Δ9-THC  | 0.0207 | 0.025  | 1.0053  | 4.9261     |
| CBT     | 0.021  | 0.0975 | 0.7802  | 3.8230     |
| CBG     | 0.0229 | 0.025  | 0.3247  | 1.5910     |
| CBC     | 0.0213 | 0.025  | 0.1819  | 0.8914     |
| Δ8-THC  | 0.022  | 0.025  | 0.0775  | 0.3799     |
| CBDV    | 0.0204 | 0.025  | 0.0742  | 0.3636     |
| THCV    | 0.0242 | 0.025  | ND      | ND         |
| CBCA    | 0.0221 | 0.025  | ND      | ND         |
| CBDa    | 0.0133 | 0.025  | ND      | ND         |
| CBDVA   | 0.0238 | 0.025  | ND      | ND         |
| CBGa    | 0.0187 | 0.025  | ND      | ND         |
| THCa    | 0.0184 | 0.025  | ND      | ND         |
| THCVA   | 0.0243 | 0.025  | ND      | ND         |

**4.9261 mg/serving**
**Total THC**
**24.8945 mg/serving**
**Total CBD**

1 serving = 1 Gummy, 4.9 grams; 5.0 servings per package; 24.6303 mg/package Total THC; 124.4723 mg/package Total CBD; 1.0053 mg/g Total THC; 5.0805 mg/g Total CBD;

Date Tested: 04/14/2022

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

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 LABORATORY  
 Accreditation No. 73653



 Ini Afia  
 Chief Science Officer  
 04/15/2022



 Neya Jourabchian  
 COA Review  
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## Pesticides

Testing method: LCMS &amp; 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          | 0.037 | 0.068 | 0.3   | ND      | Pass   | Fludioxonil             | 0.05  | 0.078 | 30    | ND      | Pass   |
| Acephate           | 0.035 | 0.078 | 5     | ND      | Pass   | Hexythiazox             | 0.041 | 0.078 | 2     | ND      | Pass   |
| Acequinocyl        | 0.033 | 0.078 | 4     | ND      | Pass   | Imazalil *              | 0.047 | 0.078 | 0.047 | ND      | Pass   |
| Acetamiprid        | 0.034 | 0.078 | 5     | ND      | Pass   | Imidacloprid            | 0.033 | 0.078 | 3     | ND      | Pass   |
| Aldicarb *         | 0.032 | 0.078 | 0.032 | ND      | Pass   | Kresoxim Methyl         | 0.033 | 0.078 | 1     | ND      | Pass   |
| Azoxystrobin       | 0.033 | 0.078 | 40    | ND      | Pass   | Malathion               | 0.05  | 0.078 | 5     | ND      | Pass   |
| Bifenazate         | 0.069 | 0.078 | 5     | ND      | Pass   | Metalaxyl               | 0.036 | 0.078 | 15    | ND      | Pass   |
| Bifenthrin         | 0.067 | 0.078 | 0.5   | ND      | Pass   | Methiocarb *            | 0.05  | 0.078 | 0.05  | ND      | Pass   |
| Boscalid           | 0.045 | 0.078 | 10    | ND      | Pass   | Methomyl                | 0.04  | 0.078 | 0.1   | ND      | Pass   |
| Captan             | 0.53  | 0.625 | 5     | ND      | Pass   | Methyl Parathion *      | 0.052 | 0.078 | 0.052 | ND      | Pass   |
| Carbaryl           | 0.04  | 0.078 | 0.5   | ND      | Pass   | Mevinphos *             | 0.034 | 0.078 | 0.034 | ND      | Pass   |
| Carbofuran *       | 0.034 | 0.078 | 0.034 | ND      | Pass   | Myclobutanil            | 0.062 | 0.078 | 9     | ND      | Pass   |
| Chlorantranilprole | 0.033 | 0.078 | 40    | ND      | Pass   | Naled                   | 0.052 | 0.078 | 0.5   | ND      | Pass   |
| Chlordane *        | 0.067 | 0.078 | 0.067 | ND      | Pass   | Oxamyl                  | 0.033 | 0.078 | 0.2   | ND      | Pass   |
| Chlorfenapyr *     | 0.067 | 0.078 | 0.067 | ND      | Pass   | Paclobutrazol *         | 0.062 | 0.078 | 0.062 | ND      | Pass   |
| Chlorpyrifos *     | 0.033 | 0.078 | 0.033 | ND      | Pass   | Pentachloronitrobenzene | 0.071 | 0.078 | 0.2   | ND      | Pass   |
| Clofentezine       | 0.047 | 0.078 | 0.5   | ND      | Pass   | Permethrin              | 0.05  | 0.078 | 20    | ND      | Pass   |
| Coumaphos *        | 0.041 | 0.078 | 0.041 | ND      | Pass   | Phosmet                 | 0.033 | 0.078 | 0.2   | ND      | Pass   |
| Cyfluthrin         | 0.148 | 0.156 | 1     | ND      | Pass   | Piperonyl Butoxide      | 0.039 | 0.078 | 8     | ND      | Pass   |
| Cypermethrin       | 0.079 | 0.156 | 1     | ND      | Pass   | Prallethrin             | 0.041 | 0.078 | 0.4   | ND      | Pass   |
| Daminozide *       | 0.043 | 0.078 | 0.043 | ND      | Pass   | Propiconazole           | 0.04  | 0.078 | 20    | ND      | Pass   |
| DDVP *             | 0.037 | 0.078 | 0.037 | ND      | Pass   | Propoxur *              | 0.041 | 0.078 | 0.041 | ND      | Pass   |
| Diazinon           | 0.031 | 0.078 | 0.2   | ND      | Pass   | Pyrethrins              | 0.188 | 0.22  | 1     | ND      | Pass   |
| Dimethoate *       | 0.028 | 0.078 | 0.028 | ND      | Pass   | Pyridaben               | 0.059 | 0.078 | 3     | ND      | Pass   |
| Dimethomorph       | 0.033 | 0.078 | 20    | ND      | Pass   | Spinetoram              | 0.042 | 0.078 | 3     | ND      | Pass   |
| Ethoprophos *      | 0.029 | 0.078 | 0.029 | ND      | Pass   | Spinosad                | 0.038 | 0.079 | 3     | ND      | Pass   |
| Etofenprox *       | 0.038 | 0.078 | 0.038 | ND      | Pass   | Spiromesifen            | 0.038 | 0.078 | 12    | ND      | Pass   |
| Etoxazole          | 0.034 | 0.078 | 1.5   | ND      | Pass   | Spirotetramat           | 0.031 | 0.078 | 13    | ND      | Pass   |
| Fenhexamid         | 0.072 | 0.078 | 10    | ND      | Pass   | Spiroxamine *           | 0.031 | 0.078 | 0.031 | ND      | Pass   |
| Fenoxycarb *       | 0.028 | 0.078 | 0.028 | ND      | Pass   | Tebuconazole            | 0.034 | 0.078 | 2     | ND      | Pass   |
| Fenpyroximate      | 0.025 | 0.078 | 2     | ND      | Pass   | Thiacloprid *           | 0.033 | 0.078 | 0.033 | ND      | Pass   |
| Fipronil *         | 0.057 | 0.078 | 0.057 | ND      | Pass   | Thiamethoxam            | 0.039 | 0.078 | 4.5   | ND      | Pass   |
| Fonicamid          | 0.043 | 0.078 | 2     | ND      | Pass   | Trifloxystrobin         | 0.039 | 0.078 | 30    | ND      | Pass   |

Date Tested: 04/14/2022

\* 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 |
|-------------------------------|--------------|--------|
| 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 | Results | Status |
|------------------|-------|-------|-------|---------|--------|
|                  | µg/kg | µg/kg | µg/kg | µg/kg   |        |
| Aflatoxin B1     | 2.0   | 3.9   |       | ND      | Tested |
| Aflatoxin B2     | 3.0   | 3.9   |       | ND      | Tested |
| Aflatoxin G1     | 2.4   | 3.9   |       | ND      | Tested |
| Aflatoxin G2     | 3.1   | 3.9   |       | ND      | Tested |
| Total Aflatoxins | 10.5  | 15.6  | 20    | ND      | Pass   |
| Ochratoxin A     | 6.4   | 15.5  | 20    | ND      | Pass   |

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### Heavy Metals

Testing method: ICPMS-SOP 502

Pass

| Analyte | LOD   | LOQ  | Limit | Results | Status |
|---------|-------|------|-------|---------|--------|
|         | µg/g  | µg/g | µg/g  | µg/g    |        |
| Arsenic | 0.005 | 0.05 | 1.5   | <LOQ    | Pass   |
| Cadmium | 0.003 | 0.05 | 0.5   | ND      | Pass   |
| Lead    | 0.01  | 0.05 | 0.5   | <LOQ    | Pass   |
| Mercury | 0.002 | 0.05 | 3     | <LOQ    | Pass   |

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### Residual Solvents

**Pass**

Testing method: HSGCMS-SOP 202

| Analyte            | LOD   | LOQ    | Limit | Results | Status |
|--------------------|-------|--------|-------|---------|--------|
|                    | µg/g  | µg/g   | µg/g  | µg/g    |        |
| 1,2-Dichloroethane | 0.08  | 1.0    | 1     | ND      | Pass   |
| Acetone            | 9.19  | 50.0   | 5000  | ND      | Pass   |
| Acetonitrile       | 17.49 | 58.35  | 410   | ND      | Pass   |
| Benzene            | 0.09  | 1.0    | 1     | ND      | Pass   |
| Butane             | 35.32 | 117.8  | 5000  | ND      | Pass   |
| Chloroform         | 0.21  | 1.0    | 1     | ND      | Pass   |
| Ethanol            | 14.96 | 50.0   | 5000  | 475.5   | Pass   |
| Ethyl acetate      | 12.8  | 50.0   | 5000  | ND      | Pass   |
| Ethylene Oxide     | 0.3   | 1.0    | 1     | ND      | Pass   |
| Ethyl ether        | 16.0  | 53.36  | 5000  | ND      | Pass   |
| Heptane            | 42.11 | 140.48 | 5000  | ND      | Pass   |
| Isopropyl alcohol  | 19.79 | 66.02  | 5000  | ND      | Pass   |
| Methanol           | 149.0 | 497.01 | 3000  | ND      | Pass   |
| Methylene chloride | 0.11  | 1.0    | 1     | ND      | Pass   |
| Hexane             | 33.99 | 113.37 | 290   | ND      | Pass   |
| Pentane            | 28.08 | 93.67  | 5000  | ND      | Pass   |
| Propane            | 42.44 | 141.57 | 5000  | ND      | Pass   |
| Toluene            | 23.99 | 80.03  | 890   | ND      | Pass   |
| Trichloroethylene  | 0.06  | 1.0    | 1     | ND      | Pass   |
| Total xylenes      | 65.49 | 218.45 | 2170  | ND      | Pass   |

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