

Koi Naturals | Natural 500 mg, 30 mL, Tincture

METRC Batch:

METRC Sample:

Sample ID: 2410ENC1037_3055

Strain: Koi Naturals | Natural 500 mg, 30 mL, Tincture

Matrix: Ingestible

Type: Tincture

Batch#: 3629BB1026

Produced: 10/23/2024

Collected: 10/24/2024

Received: 10/24/2024

Completed: 10/30/2024

Sample Size: 1 units; Batch: 600 units

Distributor

Koi CBD

Lic. #

14631 Best Ave,
Norwalk, CA, 90650

Summary

| Test | Date Tested | Instr. Method | Result |
|----------------------|-------------|-------------------|----------|
| Batch | | | Pass |
| Cannabinoids | 10/25/2024 | LC-DAD | Complete |
| Pesticides | 10/30/2024 | LC-MS | Pass |
| Mycotoxins | 10/30/2024 | LC-MS | Pass |
| Residual Solvents | 10/25/2024 | HS-GC-MS | Pass |
| Microbial Impurities | 10/28/2024 | qPCR | Pass |
| Heavy Metals | 10/28/2024 | ICP-MS | Pass |
| Foreign Matter | 10/25/2024 | Visual Inspection | Pass |

Cannabinoids

Method: SOP EL-CANNABINOIDS

ND

Total THC

550.07 mg/unit

Total CBD

556.57 mg/unit

Total Cannabinoids

| Analytes | LOD | LOQ | Result | Result | Result |
|---------------------|-------|-------|--------|--------|---------|
| | mg/g | mg/g | % | mg/g | mg/unit |
| THCa | 0.013 | 0.038 | ND | ND | ND |
| Δ9-THC | 0.013 | 0.041 | ND | ND | ND |
| Δ8-THC | 0.015 | 0.045 | ND | ND | ND |
| THCVa | 0.014 | 0.044 | ND | ND | ND |
| THCV | 0.015 | 0.045 | ND | ND | ND |
| CBDa | 0.013 | 0.040 | ND | ND | ND |
| CBD | 0.013 | 0.038 | 1.834 | 18.34 | 550.07 |
| CBN | 0.012 | 0.036 | 0.007 | 0.07 | 2.14 |
| CBGa | 0.014 | 0.043 | ND | ND | ND |
| CBG | 0.013 | 0.040 | 0.005 | 0.05 | 1.41 |
| CBCa | 0.012 | 0.035 | ND | ND | ND |
| CBC | 0.014 | 0.041 | 0.010 | 0.10 | 2.95 |
| Total THC | | | ND | ND | ND |
| Total CBD | | | 1.834 | 18.34 | 550.07 |
| Total Cannabinoids | | | 1.855 | 18.55 | 556.57 |
| Sum of Cannabinoids | | | 1.855 | 18.55 | 556.57 |

1 Unit = 30g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER

Kevin Nolan
Laboratory Director | 10/30/2024

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Pesticides

Method: EL-PESTMYCOLCMS

| Analytes | LOD | LOQ | Limit | Result | Status | Analytes | LOD | LOQ | Limit | Result | Status |
|---------------------|-------|------|-------|--------|--------|--------------------|-------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | | | µg/g | µg/g | µg/g | µg/g | |
| Abamectin | 0.005 | 0.02 | 0.30 | ND | Pass | Fludioxonil | 0.01 | 0.05 | 30.00 | ND | Pass |
| Acephate | 0.002 | 0.01 | 5.00 | ND | Pass | Hexythiazox | 0.005 | 0.02 | 2.00 | ND | Pass |
| Acequinocyl | 0.01 | 0.02 | 4.00 | ND | Pass | Imazalil | 0.05 | 0.1 | 0.05 | ND | Pass |
| Acetamiprid | 0.005 | 0.02 | 5.00 | ND | Pass | Imidacloprid | 0.005 | 0.02 | 3.00 | ND | Pass |
| Aldicarb | 0.05 | 0.1 | 0.05 | ND | Pass | Kresoxim Methyl | 0.005 | 0.02 | 1.00 | ND | Pass |
| Azoxystrobin | 0.005 | 0.02 | 40.00 | ND | Pass | Malathion | 0.02 | 0.05 | 5.00 | ND | Pass |
| Bifenazate | 0.005 | 0.01 | 5.00 | ND | Pass | Metalaxyl | 0.002 | 0.005 | 15.00 | ND | Pass |
| Bifenthrin | 0.02 | 0.05 | 0.50 | ND | Pass | Methiocarb | 0.05 | 0.1 | 0.05 | ND | Pass |
| Boscalid | 0.02 | 0.05 | 10.00 | ND | Pass | Methomyl | 0.01 | 0.02 | 0.10 | ND | Pass |
| Captan | 0.2 | 0.3 | 5.00 | ND | Pass | Parathion Methyl | 0.02 | 0.05 | 0.02 | ND | Pass |
| Carbaryl | 0.02 | 0.05 | 0.50 | ND | Pass | Mevinphos | 0.02 | 0.05 | 0.02 | ND | Pass |
| Carbofuran | 0.05 | 0.1 | 0.05 | ND | Pass | Myclobutanil | 0.005 | 0.01 | 9.00 | ND | Pass |
| Chlorantraniliprole | 0.002 | 0.01 | 40.00 | ND | Pass | Naled | 0.01 | 0.02 | 0.50 | ND | Pass |
| Chlordane | 0.05 | 0.1 | 0.05 | ND | Pass | Oxamyl | 0.005 | 0.01 | 0.20 | ND | Pass |
| Chlorfenapyr | 0.05 | 0.1 | 0.05 | ND | Pass | Paclobutrazol | 0.05 | 0.1 | 0.05 | ND | Pass |
| Chlorpyrifos | 0.05 | 0.1 | 0.05 | ND | Pass | PCNB | 0.02 | 0.05 | 0.20 | ND | Pass |
| Clofentezine | 0.01 | 0.02 | 0.50 | ND | Pass | Permethrin | 0.02 | 0.05 | 20.00 | ND | Pass |
| Coumaphos | 0.02 | 0.05 | 0.02 | ND | Pass | Phosmet | 0.01 | 0.02 | 0.20 | ND | Pass |
| Cyfluthrin | 0.05 | 0.1 | 1.00 | ND | Pass | Piperonyl Butoxide | 0.02 | 0.05 | 8.00 | ND | Pass |
| Cypermethrin | 0.1 | 0.2 | 1.00 | ND | Pass | Prallethrin | 0.005 | 0.02 | 0.40 | ND | Pass |
| Daminozide | 0.02 | 0.05 | 0.02 | ND | Pass | Propiconazole | 0.005 | 0.01 | 0.10 | ND | Pass |
| Diazinon | 0.002 | 0.01 | 0.20 | ND | Pass | Propoxure | 0.05 | 0.1 | 0.05 | ND | Pass |
| Dichlorvos | 0.02 | 0.05 | 0.02 | ND | Pass | Pyrethrins | 0.02 | 0.05 | 1.00 | ND | Pass |
| Dimethoate | 0.02 | 0.05 | 0.02 | ND | Pass | Pyridaben | 0.005 | 0.01 | 3.00 | ND | Pass |
| Dimethomorph | 0.005 | 0.02 | 20.00 | ND | Pass | Spinetoram | 0.005 | 0.01 | 3.00 | ND | Pass |
| Ethoprophos | 0.05 | 0.1 | 0.05 | ND | Pass | Spinosad | 0.005 | 0.01 | 3.00 | ND | Pass |
| Etofenprox | 0.05 | 0.1 | 0.05 | ND | Pass | Spiromesifen | 0.01 | 0.02 | 12.00 | ND | Pass |
| Etoxazole | 0.005 | 0.02 | 1.50 | ND | Pass | Spirotetramat | 0.005 | 0.01 | 13.00 | ND | Pass |
| Fenhexamid | 0.005 | 0.02 | 10.00 | ND | Pass | Spiroxamine | 0.05 | 0.1 | 0.05 | ND | Pass |
| Fenoxycarb | 0.05 | 0.1 | 0.05 | ND | Pass | Tebuconazole | 0.005 | 0.01 | 2.00 | ND | Pass |
| Fenpyroximate | 0.005 | 0.02 | 2.00 | ND | Pass | Thiacloprid | 0.02 | 0.05 | 0.02 | ND | Pass |
| Fipronil | 0.05 | 0.1 | 0.05 | ND | Pass | Thiamethoxam | 0.005 | 0.01 | 4.50 | ND | Pass |
| Flonicamid | 0.01 | 0.02 | 2.00 | ND | Pass | Trifloxystrobin | 0.005 | 0.01 | 30.00 | ND | Pass |

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Mycotoxins

Method: EL-PESTMYCOLCMS

| Analytes | LOD | LOQ | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
| | µg/kg | µg/kg | µg/kg | µg/kg | |
| Aflatoxin B1 | 1.00 | 2.00 | | ND | Tested |
| Aflatoxin B2 | 1.00 | 2.00 | | ND | Tested |
| Aflatoxin G1 | 2.00 | 4.00 | | ND | Tested |
| Aflatoxin G2 | 1.00 | 2.00 | | ND | Tested |
| Ochratoxin A | 4.00 | 10.00 | 20.00 | ND | Pass |
| Total Aflatoxins | | | 20.00 | ND | Pass |

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Residual Solvents

Method: EL-RES_SOLVENTS

| Analytes | LOD | LOQ | Limit | Result | Status |
|--------------------------------------|-------|--------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Acetone | 33.00 | 100.00 | 5000 | ND | Pass |
| Acetonitrile | 10.00 | 30.00 | 410 | ND | Pass |
| Benzene | 0.09 | 0.28 | 1 | ND | Pass |
| Butane | 10.00 | 30.00 | 5000 | ND | Pass |
| Chloroform | 0.10 | 0.29 | 1 | ND | Pass |
| Ethanol | 10.00 | 30.00 | 5000 | ND | Pass |
| Ethyl acetate | 10.00 | 30.00 | 5000 | ND | Pass |
| Ethyl ether | 10.00 | 30.00 | 5000 | ND | Pass |
| Ethylene oxide | 0.08 | 0.24 | 1 | ND | Pass |
| Heptane | 10.00 | 30.00 | 5000 | <LOQ | Pass |
| Hexane | 10.00 | 30.00 | 290 | ND | Pass |
| Isopropyl alcohol | 10.00 | 30.00 | 5000 | ND | Pass |
| Methanol | 10.00 | 30.00 | 3000 | ND | Pass |
| Methylene chloride | 0.10 | 0.31 | 1 | ND | Pass |
| 1,2-Dichloroethane | 0.10 | 0.29 | 1 | ND | Pass |
| Pentane | 10.00 | 30.00 | 5000 | ND | Pass |
| Propane | 10.00 | 30.00 | 5000 | ND | Pass |
| Toluene | 10.00 | 30.00 | 890 | ND | Pass |
| Total xylenes (ortho-, meta-, para-) | 20.00 | 60.00 | 2170 | ND | Pass |
| Trichloroethylene | 0.10 | 0.29 | 1 | ND | Pass |

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Microbial Impurities

Method: SOP EL-MICROBIALS

| Analytes | Result | Status |
|--|--------------------|--------|
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | Pass |
| Salmonella spp | Not Detected in 1g | Pass |

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Heavy Metals

Method: SOP EL-HEAVYMETALS

| Analytes | LOD | LOQ | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.012 | 0.036 | 1.500 | ND | Pass |
| Cadmium | 0.015 | 0.044 | 0.500 | ND | Pass |
| Lead | 0.055 | 0.167 | 0.500 | ND | Pass |
| Mercury | 0.005 | 0.015 | 3.000 | ND | Pass |

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Kevin Nolan
Laboratory Director | 10/30/2024