

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 53130
 Order Name: Bubba Kush
 Batch#: Bubba Kush
 Received: 04/28/2020
 Completed: 04/30/2020



Koi CBD LLC
 14631 Best Ave
 Norwalk California, 90650
 (877) 774-4779
 morgan@koicbd.com



Sample



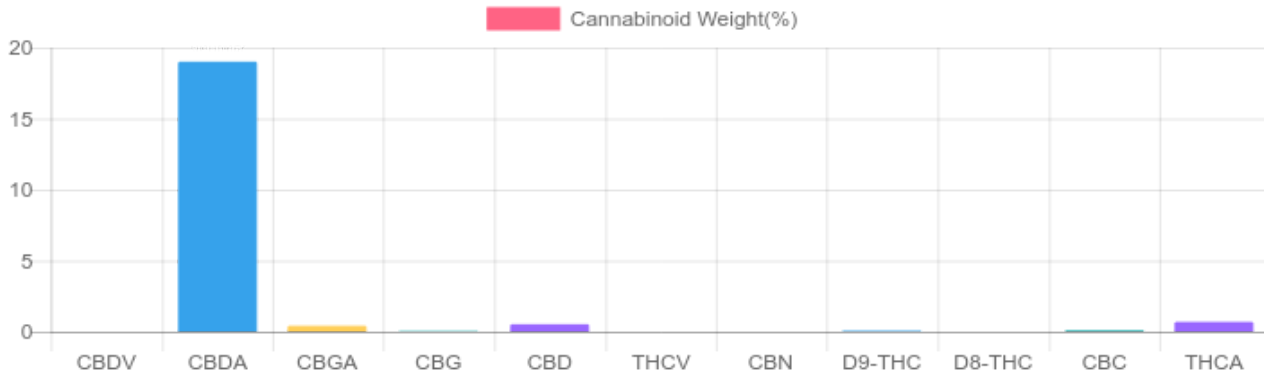
0.058%
D9-THC

17.196%
Total CBD

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 PREPARED: 04/28/2020 16:44:37

| Cannabinoids | LOQ | weight(%) | mg/g |
|--------------------|--------|-----------|---------|
| D9-THC | 10 PPM | 0.058% | 0.584 |
| THCA | 10 PPM | 0.688% | 6.876 |
| CBD | 10 PPM | 0.527% | 5.274 |
| CBDA | 20 PPM | 19.007% | 190.065 |
| CBDV | 20 PPM | N/D | N/D |
| CBC | 10 PPM | 0.111% | 1.106 |
| CBN | 10 PPM | N/D | N/D |
| CBG | 10 PPM | 0.040% | 0.398 |
| CBGA | 20 PPM | 0.420% | 4.199 |
| D8-THC | 10 PPM | N/D | N/D |
| THCV | 10 PPM | N/D | N/D |
| TOTAL D9-THC | | 0.058% | 0.058% |
| TOTAL CBD* | | 17.196% | 171.961 |
| TOTAL CANNABINOIDS | | 20.851% | 208.502 |



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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 info@greenscientificlabs.com
 1-833 TEST CBD



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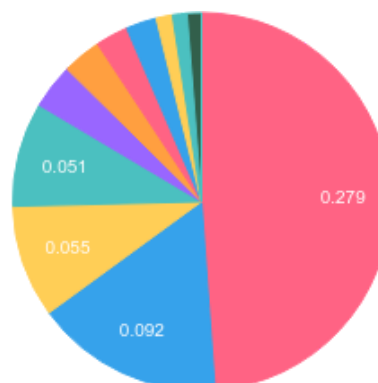
TERPENES: TOTAL (0.573%)

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

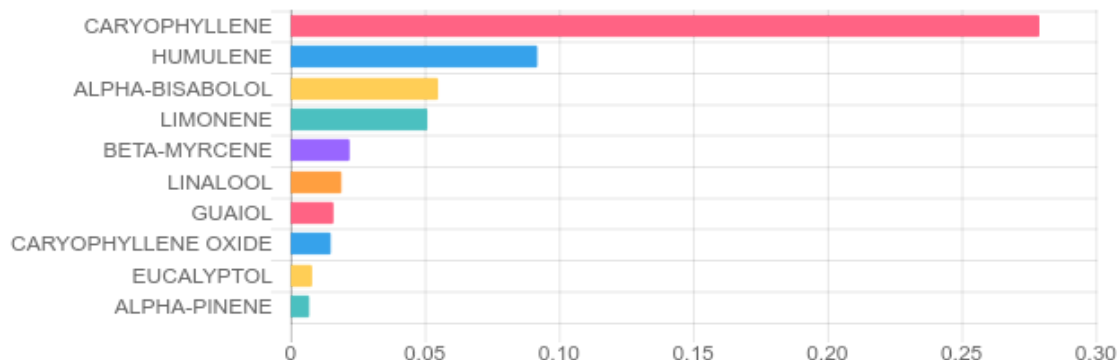
GSL SOP 404
 Prepared: 04/28/2020 17:11:02

| Terpene | Results (%) | LOQ (%) | LOD (%) |
|---------------------|-------------|---------|---------|
| ALPHA-BISABOLOL | 0.055% | 0.0067% | 0.0063% |
| ALPHA-PINENE | 0.007% | 0.0067% | 0.0063% |
| BETA-MYRCENE | 0.022% | 0.0067% | 0.0063% |
| BETA-PINENE | 0.007% | 0.0067% | 0.0063% |
| CARYOPHYLLENE | 0.279% | 0.0067% | 0.0063% |
| CARYOPHYLLENE OXIDE | 0.015% | 0.0067% | 0.0063% |
| EUCALYPTOL | 0.008% | 0.0067% | 0.0063% |
| GUAJOL | 0.016% | 0.0067% | 0.0063% |
| HUMULENE | 0.092% | 0.0067% | 0.0063% |
| LIMONENE | 0.051% | 0.0067% | 0.0063% |
| LINALOOL | 0.019% | 0.0067% | 0.0063% |
| TRANS-NEROLIDOL | B/LOQ | 0.0067% | 0.0063% |

Terpenes Breakdown



Top Terpenes Results:



Tested for but not present:

CAMPHENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, P-CYMENE, CIS-BETA-OCIMENE, GAMMA-TERPINENE, TERPINOLENE, ISOPULEGOL, GERANIOL, CIS-NEROLIDOL

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PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 04/28/2020 16:53:30

GCMS-MS - Shimadzu GCMS-TQ8040

| Pesticide | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|--------------|--------------------|---------------|-----------|-----------|
| CAPTAN | 0.700 | N/D | 0.003 | 0.001 |
| CHLORDANE | 0.100 | N/D | 0.003 | 0.001 |
| CHLORFENAPYR | 0.100 | N/D | 0.003 | 0.001 |
| COUMAPHOS | 0.100 | N/D | 0.003 | 0.001 |

| Pesticide | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|-------------------------|--------------------|---------------|-----------|-----------|
| CYFLUTHRIN | 2.000 | N/D | 0.003 | 0.001 |
| CYPERMETHRIN | 1.000 | N/D | 0.003 | 0.001 |
| PARATHION-METHYL | 0.100 | N/D | 0.003 | 0.001 |
| PENTACHLORONITROBENZENE | 0.100 | N/D | 0.003 | 0.001 |

LCMS-MS - Shimadzu LCMS-8060

| Pesticide | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|---------------------|--------------------|---------------|-----------|-----------|
| ABAMECTIN B1A | 0.100 | N/D | 0.005 | 0.001 |
| ACEPHATE | 0.100 | N/D | 0.001 | 0.001 |
| ACEQUINOCYL | 0.100 | N/D | 0.001 | 0.001 |
| ACETAMIPRID | 0.100 | N/D | 0.005 | 0.001 |
| ALDICARB | 0.100 | N/D | 0.005 | 0.001 |
| AZOXYSTROBIN | 0.100 | N/D | 0.001 | 0.001 |
| BIFENAZATE | 0.100 | N/D | 0.005 | 0.001 |
| BIFENTHRIN | 3.000 | N/D | 0.005 | 0.001 |
| BOSCALID | 0.100 | N/D | 0.005 | 0.001 |
| CARBARYL | 0.500 | N/D | 0.003 | 0.001 |
| CARBOFURAN | 0.100 | N/D | 0.001 | 0.001 |
| CHLORANTRANILIPROLE | 10.000 | N/D | 0.005 | 0.005 |
| CHLORPYRIFOS | 0.100 | N/D | 0.001 | 0.001 |
| CLOFENTEZINE | 0.100 | N/D | 0.001 | 0.001 |
| DAMINOZIDE | 0.100 | N/D | 0.005 | 0.001 |
| DIAZINON | 0.100 | N/D | 0.001 | 0.001 |
| DICHLORVOS | 0.100 | N/D | 0.005 | 0.001 |
| DIMETHOATE | 0.100 | N/D | 0.001 | 0.001 |
| DIMETHOMORPH | 2.000 | N/D | 0.005 | 0.001 |
| ETHOPROPHOS | 0.100 | N/D | 0.001 | 0.001 |
| ETOFENPROX | 0.100 | N/D | 0.001 | 0.001 |
| ETOXAZOLE | 0.100 | N/D | 0.010 | 0.005 |
| FENHEXAMID | 0.100 | N/D | 0.005 | 0.001 |
| FENOXYCARB | 0.100 | N/D | 0.005 | 0.001 |
| FENPYROXIMATE | 0.100 | N/D | 0.001 | 0.001 |
| FIPRONIL | 0.100 | N/D | 0.003 | 0.001 |
| FLONICAMID | 0.100 | N/D | 0.025 | 0.010 |
| FLUDIOXONIL | 0.100 | N/D | 0.003 | 0.001 |
| HEXYTHIAZOX | 0.100 | N/D | 0.005 | 0.001 |
| IMAZALIL | 0.100 | N/D | 0.005 | 0.001 |

| Pesticide | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|--------------------------|--------------------|---------------|-----------|-----------|
| IMIDACLOPRID | 5.000 | N/D | 0.005 | 0.001 |
| KRESOXIM-METHYL | 0.100 | N/D | 0.010 | 0.005 |
| MALATHION | 0.500 | N/D | 0.005 | 0.001 |
| METALAXYL | 2.000 | N/D | 0.001 | 0.001 |
| METHIOCARB | 0.100 | N/D | 0.005 | 0.001 |
| METHOMYL | 1.000 | N/D | 0.001 | 0.001 |
| MEVINPHOS | 0.100 | N/D | 0.001 | 0.001 |
| MYCLOBUTANIL | 0.100 | N/D | 0.005 | 0.001 |
| NALED | 0.100 | N/D | 0.005 | 0.001 |
| OXAMYL | 0.500 | N/D | 0.001 | 0.001 |
| PACLOBUTRAZOL | 0.100 | N/D | 0.005 | 0.001 |
| PERMETHRINS | 0.500 | N/D | 0.005 | 0.001 |
| PHOSMET | 0.100 | N/D | 0.005 | 0.001 |
| PIPERONYL BUTOXIDE | 3.000 | N/D | 0.001 | 0.001 |
| PRALLETHRIN | 0.100 | N/D | 0.005 | 0.005 |
| PROPICONAZOLE | 0.100 | N/D | 0.010 | 0.005 |
| PROPOXUR | 0.100 | N/D | 0.001 | 0.001 |
| PYRETHRINS (PYRETHRIN I) | 0.500 | N/D | 0.005 | 0.005 |
| PYRIDABEN | 0.100 | N/D | 0.005 | 0.001 |
| SPINETORAM | 0.100 | N/D | 0.001 | 0.001 |
| SPINOSAD | 0.100 | N/D | 0.001 | 0.001 |
| SPIROMESIFEN | 0.100 | N/D | 0.005 | 0.001 |
| SPIROTETRAMAT | 0.100 | N/D | 0.001 | 0.001 |
| SPIROXAMINE | 0.100 | N/D | 0.001 | 0.001 |
| TEBUCONAZOLE | 0.100 | N/D | 0.005 | 0.001 |
| THIACLOPRID | 0.100 | N/D | 0.001 | 0.001 |
| THIAMETHOXAM | 5.000 | N/D | 0.001 | 0.001 |
| TRIFLOXYSTROBIN | 0.100 | N/D | 0.001 | 0.001 |

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level


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Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030
GSL SOP 403

Uploaded: 04/30/2020 16:47:53

| Metal | Action Level (ppb) | Result (ppb) |
|--------------|--------------------|--------------|
| ARSENIC (AS) | 200 | B/LOQ |
| CADMIUM (CD) | 200 | B/LOQ |
| MERCURY (HG) | 100 | B/LOQ |
| LEAD (PB) | 500 | B/LOQ |

Lower Limit of Quantitation (LOQ) is 75 ppb

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