

CERTIFICATE OF ANALYSIS

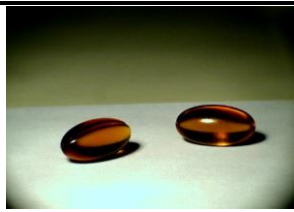


Juniper Analytics, LLC
 1334 NE 2nd Street, Bend, OR, 97701
 541.382.3796
 ORELAP: 4101 / OLCC: 010-10035537931

Client Name: iHeal CBD
 Contact Info: Preston
 Sample Type: Edible
 External Batch ID: NA
 Harvest/Prod. Date: NA
 Sample ID: 40mg Soft Gel
 METRC ID: Personal
 Juniper Batch #: 20JA0469.01
 Intake Date: 3/05/20

NOT FOR COMPLIANCE

Sample not sampled per
 OAR 333-064-0100



APPROVAL

Ben Gentry

Report Date: 3/10/20

QA Review

Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: 3/09/20

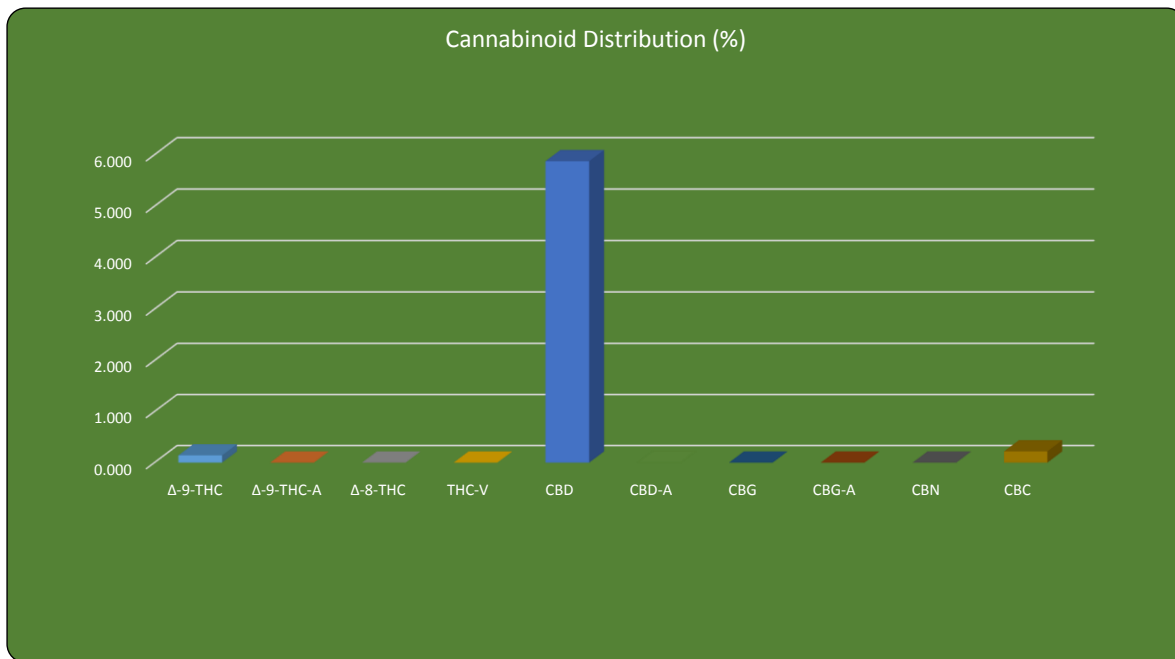
Instrument: HPLC/DAD
 Method: JA-Potency-Proprietary

| Compound | Weight (%) | Concentration (mg/g) | LOQ* (mg/g) | Concentration (mg/mL) | Concentration (mg/Unit) |
|---------------------------|--------------|----------------------|-------------|-----------------------|-------------------------|
| Δ-9-THC | 0.142 | 1.42 | 0.60 | N/A | 0.92 |
| Δ-9-THC-A | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| Δ-8-THC | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| THC-V | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| CBD | 5.875 | 58.75 | 0.60 | N/A | 37.92 |
| CBD-A | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| CBG | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| CBG-A | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| CBN | <LOQ | <LOQ | 0.60 | N/A | <LOQ |
| CBC | 0.221 | 2.21 | 0.60 | N/A | 1.42 |
| Total Cannabinoids | 6.238 | 62.38 | | N/A | 40.26 |

| TOTAL THC/CBD | Weight (%) | Conc (mg/g) |
|--|--------------|--------------|
| THC Total = | 0.142 | 1.42 |
| <small>THC_{Total} = (THC-A * 0.877) + Δ9THC</small> | | |
| CBD Total = | 5.875 | 58.75 |
| <small>CBD_{Total} = (CBD-A * 0.877) + CBD</small> | | |

| Conc (mg/mL) | Conc (mg/Unit) | Unit Size (grams): |
|------------------------------------|----------------|--------------------|
| N/A | 0.92 | 0.6454 |
| <small>1 unit = 1 soft gel</small> | | |
| N/A | 37.92 | |

* < LOQ - Less than the Limit of Quantification



Microbiological Contaminants (Oregon Compliance Standard OAR 333-007-0390)

ANALYSIS DATE: Not Tested

| Microbiological screening | Colony count | CFU/g | Results: |
|----------------------------|--------------|------------|----------|
| Total coliforms | Not tested | Not tested | N/A |
| Escherichia coli (E. coli) | Not tested | Not tested | N/A |



Juniper Batch #: 20JA0469.01
Intake Date: 3/05/20

Residual Solvent Analysis (Oregon Compliance Standard OAR 333-007-0410)

| ANALYSIS DATE: | Not Tested | |
|-------------------|--------------|--------------------------|
| Solvent | Result (ppm) | Action Level / LOQ (ppm) |
| 1,4-Dioxane | | 380 / 100 |
| 2-Butanol | | 5000 / 500 |
| 2-Ethoxyethanol | | 160 / 100 |
| 2-Propanol (IPA) | | 5000 / 500 |
| Acetone | | 5000 / 500 |
| Acetonitrile | | 410 / 100 |
| Benzene | | 2 / 1 |
| Cumene | | 70 / 50 |
| Cyclohexane | | 3880 / 500 |
| Dichloromethane | | 600 / 100 |
| Ethyl acetate | | 5000 / 500 |
| Ethyl ether | | 5000 / 500 |
| Ethylene glycol | | 620 / 300 |
| Ethylene oxide | | 50 / 10 |
| Heptane | | 5000 / 500 |
| Isopropyl acetate | | 5000 / 500 |
| Methanol | | 3000 / 500 |
| Propane | | 5000 / 500 |
| Tetrahydrofuran | | 720 / 100 |
| Toluene | | 890 / 100 |

| Instrument: GC/MS | | Method: USP 467 - Modified | |
|----------------------|--------------|----------------------------|--|
| Solvent | Result (ppm) | Action Level / LOQ (ppm) | |
| Pentanes; | | 5000 / 500 | |
| -n-pentane | | ** | |
| -iso-pentane | | ** | |
| -neo-pentane | | ** | |
| Butanes; | | 5000 / 500 | |
| -n-butane | | ** | |
| -iso-butane | | ** | |
| Hexanes; | | 290 / 50 | |
| -n-hexane | | ** | |
| -2-methylpentane | | ** | |
| -3-methylpentane | | ** | |
| -2,2-dimethylbutane | | ** | |
| -2,3-dimethylbutane | | ** | |
| Xylenes; | | 2170 / 300 | |
| -1,2-dimethylbenzene | | ** | |
| -1,3-dimethylbenzene | | ** | |
| -1,4-dimethylbenzene | | ** | |
| -Ethyl benzene | | ** | |

**Limit based on combined results

Residual Solvents N/A

Tentatively Identified Compounds: N/A

<LOQ - Less than the Limit of Quantification

Pesticide Analysis (Oregon Compliance Standard OAR 333-007-0400)

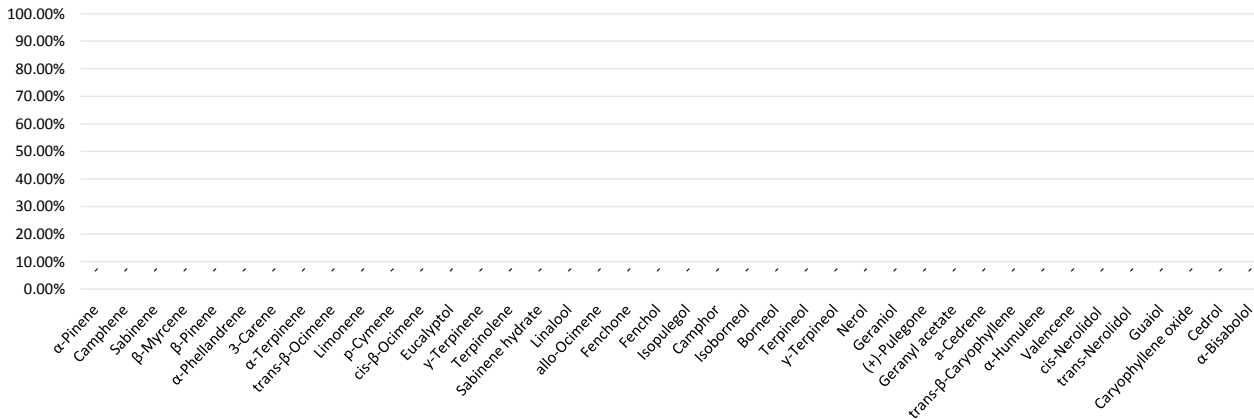
| ANALYSIS DATE: | | Not Tested | | Instrument: LC/MS/MS | | Method: AOAC 2007.1-Mod | |
|-------------------------|--------------|--------------------------|--|----------------------|--------------|--------------------------|--|
| Pesticide | Result (ppm) | Action Level / LOQ (ppm) | | Pesticide | Result (ppm) | Action Level / LOQ (ppm) | |
| Abamectin | | 0.5 / 0.25 | | Imazalil | | 0.2 / 0.10 | |
| Acephate | | 0.4 / 0.20 | | Imidacloprid | | 0.4 / 0.20 | |
| Acequinocyl | | 2.0 / 1.00 | | Kresoxim-methyl | | 0.4 / 0.20 | |
| Acetamiprid | | 0.2 / 0.10 | | Malathion | | 0.2 / 0.10 | |
| Aldicarb | | 0.4 / 0.20 | | Metalaxyl | | 0.2 / 0.10 | |
| Azoxystrobin | | 0.2 / 0.10 | | Methiocarb | | 0.2 / 0.10 | |
| Bifenazate | | 0.2 / 0.10 | | Methomyl | | 0.4 / 0.20 | |
| Bifenthrin | | 0.2 / 0.10 | | Methyl Parathion | | 0.2 / 0.10 | |
| Boscalid | | 0.4 / 0.20 | | MGK-264 | | 0.2 / 0.10 | |
| Carbaryl | | 0.2 / 0.10 | | Myclobutanil | | 0.2 / 0.10 | |
| Carbofuran | | 0.2 / 0.10 | | Naled | | 0.5 / 0.25 | |
| Chlorantraniliprole | | 0.2 / 0.10 | | Oxamyl | | 1.0 / 0.50 | |
| Chlorfenapyr | | 1.0 / 0.50 | | Pacllobutrazol | | 0.4 / 0.20 | |
| Chlorpyrifos | | 0.2 / 0.10 | | Permethrins | | 0.2 / 0.10 | |
| Clofentezine | | 0.2 / 0.10 | | Phosmet | | 0.2 / 0.10 | |
| Cyfluthrin | | 1.0 / 0.50 | | Piperonyl butoxide | | 2.0 / 1.00 | |
| Cypermethrin | | 1.0 / 0.50 | | Prallethrin | | 0.2 / 0.10 | |
| Daminozide | | 1.0 / 0.50 | | Propiconazole | | 0.4 / 0.20 | |
| DDVP (Dichlorvos) | | 1.0 / 0.50 | | Propoxur | | 0.2 / 0.10 | |
| Diazinon | | 0.2 / 0.10 | | Pyrethrins | | 1.0 / 0.50 | |
| Dimethoate | | 0.2 / 0.10 | | Pyridaben | | 0.2 / 0.10 | |
| Ethoprophos | | 0.2 / 0.10 | | Spinosad | | 0.2 / 0.10 | |
| Etofenprox | | 0.4 / 0.20 | | Spiromesifen | | 0.2 / 0.10 | |
| Etoxazole | | 0.2 / 0.10 | | Spirotetramat | | 0.2 / 0.10 | |
| Fenoxycarb | | 0.2 / 0.10 | | Spiroxamine | | 0.4 / 0.20 | |
| Fenpyroximate | | 0.4 / 0.20 | | Tebuconazole | | 0.4 / 0.20 | |
| Fipronil | | 0.4 / 0.20 | | Thiacloprid | | 0.2 / 0.10 | |
| Flonicamid | | 1.0 / 0.50 | | Thiamethoxam | | 0.2 / 0.10 | |
| Fludioxonil | | 0.4 / 0.20 | | Trifloxystrobin | | 0.2 / 0.10 | |
| Hexythiazox | | 1.0 / 0.50 | | | | | |
| Pesticide Screen | N/A | | | | | | |

*LOQ = Limit of Quantification

Terpene Profile

| ANALYSIS DATE: Not Tested | | | Instrument: GC/MS | | | Method: JA-Terpene-Proprietary | | |
|---------------------------|------|---|-----------------------|------|---|--------------------------------|------|---|
| Compound | µg/g | % | Compound | µg/g | % | Compound | µg/g | % |
| α-Pinene | | | Isopulegol | | | | | |
| Camphene | | | Camphor | | | | | |
| Sabinene | | | Isoborneol | | | | | |
| β-Myrcene | | | Borneol | | | | | |
| β-Pinene | | | Terpineol | | | | | |
| α-Phellandrene | | | γ-Terpineol | | | | | |
| 3-Carene | | | Nerol | | | | | |
| α-Terpinene | | | Geraniol | | | | | |
| trans-β-Ocimene | | | (+)-Pulegone | | | | | |
| Limonene | | | Geranyl acetate | | | | | |
| p-Cymene | | | α-Cedrene | | | | | |
| cis-β-Ocimene | | | trans-β-Caryophyllene | | | | | |
| Eucalyptol | | | α-Humulene | | | | | |
| γ-Terpinene | | | Valencene | | | | | |
| Terpinolene | | | cis-Nerolidol | | | | | |
| Sabinene hydrate | | | trans-Nerolidol | | | | | |
| Linalool | | | Guaiol | | | | | |
| allo-Ocimene | | | Caryophyllene oxide | | | | | |
| Fenchone | | | Cedrol | | | | | |
| Fenchol | | | α-Bisabolol | | | | | |
| | | | TOTAL | | | | | |

Terpene Profile*



* Profile expressed as a percent of total terpenes

Batch QC WorkGroup ID:

Potency PO-2020-03-09-03

Residual Solvents

Pesticide

Disclaimer

The results within this report apply only to the product tested and batched under the batch number identified above. These test results are for the exclusive use of the above named individual or entity. This report must not be altered, and may not be reproduced, except in their entirety, without written consent of Juniper Analytics, LLC. Requests for information regarding these results should be referred to the aforementioned individual or entity.