

Sample ID: ET000946372NP
Product: Distillate CBD oil 20%+3% CBG
Matrix: Concentrates
Type: Distillate
Sample Size: 1.2mg

Client: Nature-Pharm
Collected: 10/03/2023
Received: 11/03/2023
Completed: 22/03/2023
Batch#: GY23858NP

| Cannabinoids | LOD (mg/mL) | LOQ (mg/mL) | Result | | Notes |
|--|-------------|-------------|---------------|---------------|-----------|
| | | | (mg/mL) | Result (mg/g) | |
| Cannabichromene (CBC) | 0.070 | 0.220 | 0.589 | 0.62 | Density = |
| Cannabichromenic Acid (CBCA) | 0.064 | 0.201 | 0.318 | 0.33 | 0.945g/mL |
| Cannabidiol (CBD) | 0.195 | 0.597 | 20.087 | 20.1 | |
| Cannabidiolic Acid (CBDA) | 0.201 | 0.612 | ND | ND | |
| Cannabidivarin (CBDV) | 0.046 | 0.141 | <LOQ | <LOQ | |
| Cannabidivarinic Acid (CBDVA) | 0.084 | 0.255 | ND | ND | |
| Cannabigerol (CBG) | 0.040 | 0.125 | 3.169 | 3.2 | |
| Cannabigerolic Acid (CBGA) | 0.167 | 0.522 | ND | ND | |
| Cannabinol (CBN) | 0.052 | 0.163 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.114 | 0.356 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.198 | 0.622 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.180 | 0.218 | 0.144 | 0.16 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.160 | 0.501 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.036 | 0.114 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.141 | 0.442 | ND | ND | |
| Total Cannabinoids | | | 24.307 | 24.41 | |
| Total Potential THC | | | 0.144 | 0.16 | |
| Total Potential CBD | | | 20.087 | 20.1 | |

Total CBD

20.1%

Total THC

0.16%

Total Cannabinoids

24.41%

Final Approval

Jeremy Longo

PREPARED BY / DATE

Jeremy Longo
 Laboratory Manager
 22Mar2023
 09:23:00 PM

Nickol Mulner

APPROVED BY / DATE

Nickol Mulner
 Technology Manager
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Pesticides Pass

| Analyte | LOD | LOQ | Limit | Results | Status | Analyte | LOD | LOQ | Limit | Results | Status | |
|---------------------|------|-----|-------|---------|--------|---------|-------------------------|------|-------|---------|--------|------|
| Abamectin | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Fludioxonil | 0.03 | 0.1 | 0.1 | ND | Pass |
| Acephate | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Hexythiazox | 0.03 | 0.1 | 0.1 | ND | Pass |
| Acequinocyl | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Imazalil | 0.03 | 0.1 | 0.03 | ND | Pass |
| Acetamiprid | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Imidacloprid | 0.03 | 0.1 | 5 | ND | Pass |
| Aldicarb | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Kresoxim Methyl | 0.03 | 0.1 | 0.1 | ND | Pass |
| Azoxystrobin | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Malathion | 0.03 | 0.1 | 0.5 | ND | Pass |
| Bifenazate | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Metalaxyl | 0.03 | 0.1 | 2 | ND | Pass |
| Bifenthrin | 0.03 | 0.1 | 3 | 3 | ND | Pass | Methiocarb | 0.03 | 0.1 | 0.03 | ND | Pass |
| Boscalid | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Methomyl | 0.03 | 0.1 | 1 | ND | Pass |
| Captan | 0.03 | 0.1 | 0.7 | 0.7 | ND | Pass | Mevinphos | 0.03 | 0.1 | 0.03 | ND | Pass |
| Carbaryl | 0.03 | 0.1 | 0.5 | 0.5 | ND | Pass | Myclobutanil | 0.03 | 0.1 | 0.1 | ND | Pass |
| Carbofuran | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Naled | 0.03 | 0.1 | 0.1 | ND | Pass |
| Chlorantraniliprole | 0.03 | 0.1 | 10 | 10 | ND | Pass | Oxamyl | 0.03 | 0.1 | 0.5 | ND | Pass |
| Chlordane | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Paclobutrazol | 0.03 | 0.1 | 0.03 | ND | Pass |
| Chlorfenapyr | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Parathion Methyl | 0.03 | 0.1 | 0.03 | ND | Pass |
| Chlorpyrifos | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Pentachloronitrobenzene | 0.03 | 0.1 | 0.1 | ND | Pass |
| Clofentezine | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Permethrin | 0.03 | 0.1 | 0.5 | ND | Pass |
| Coumaphos | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Phosmet | 0.03 | 0.1 | 0.1 | ND | Pass |
| Cypermethrin | 0.03 | 0.1 | 1 | 1 | ND | Pass | Piperonyl Butoxide | 0.03 | 0.1 | 3 | ND | Pass |
| Daminozide | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Prallethrin | 0.03 | 0.1 | 0.1 | ND | Pass |
| Diazinon | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Propiconazole | 0.03 | 0.1 | 0.1 | ND | Pass |
| Dichlorvos | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Propoxur | 0.03 | 0.1 | 0.03 | ND | Pass |
| Dimethoate | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Pyrethrins | 0.03 | 0.1 | 0.5 | ND | Pass |
| Dimethomorph | 0.03 | 0.1 | 2 | 2 | ND | Pass | Pyridaben | 0.03 | 0.1 | 0.1 | ND | Pass |
| Ethoprophos | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Spinetoram | 0.03 | 0.1 | 0.1 | ND | Pass |
| Etofenprox | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Spinosad | 0.03 | 0.1 | 0.1 | ND | Pass |
| Etoxazole | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Spiromesifen | 0.03 | 0.1 | 0.1 | ND | Pass |
| Fenhexamid | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Spirotetramat | 0.03 | 0.1 | 0.1 | ND | Pass |
| Fenoxycarb | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Spiroxamine | 0.03 | 0.1 | 0.03 | ND | Pass |
| Fenpyroximate | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Tebuconazole | 0.03 | 0.1 | 0.1 | ND | Pass |
| Fipronil | 0.03 | 0.1 | 0.03 | 0.03 | ND | Pass | Thiacloprid | 0.03 | 0.1 | 0.03 | ND | Pass |
| Fonicamid | 0.03 | 0.1 | 0.1 | 0.1 | ND | Pass | Thiamethoxam | 0.03 | 0.1 | 5 | ND | Pass |
| | | | | | | | Trifloxystrobin | 0.03 | 0.1 | 0.1 | ND | Pass |

Final Approval

Jeremy Longo

Nickol Mulner

PREPARED BY / DATE

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Jeremy Longo
 Laboratory Manager
 22Mar 2023
 09:23:00 PM MST

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 Technology Manager
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Residual Solvents

Pass

| Analyte | LOD | LOQ | Limit | Results | Status |
|---------------------|------|------|-------|---------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| 1,2-Dichloro-Ethane | 1 | 1 | 1 | ND | Pass |
| Acetone | 1 | 10 | 5000 | <LOQ | Pass |
| Acetonitrile | 1 | 5 | 410 | ND | Pass |
| Benzene | 1 | 1 | 1 | ND | Pass |
| Butane | 1 | 25 | 5000 | ND | Pass |
| Chloroform | 1 | 1 | 1 | ND | Pass |
| Ethanol | 1 | 10 | 5000 | 26.8 | Pass |
| Ethyl-Acetate | 1 | 10 | 5000 | ND | Pass |
| Ethyl-Ether | 1 | 10 | 5000 | ND | Pass |
| Ethylene Oxide | 1 | 1 | 1 | ND | Pass |
| Heptane | 1 | 10 | 5000 | ND | Pass |
| Isopropanol | 1 | 10 | 5000 | ND | Pass |
| Methanol | 1 | 10 | 3000 | <LOQ | Pass |
| Methylene-Chloride | 1 | 1 | 1 | ND | Pass |
| n-Hexane | 1 | 10 | 290 | ND | Pass |
| Pentane | 1 | 10 | 5000 | ND | Pass |
| Propane | 1 | 10 | 5000 | ND | Pass |
| Toluene | 1 | 10 | 890 | ND | Pass |
| Trichloroethene | 1 | 1 | 1 | ND | Pass |
| Xylenes | 1 | 10 | 2170 | 104.1 | Pass |



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Microbials

| <u>Analytics</u> | <u>Units</u> | <u>Status</u> |
|-------------------------------|--------------------|---------------|
| Aerobic Plate Count | CFU/g | NT |
| Aspergillus flavus | NR | |
| Aspergillus fumigatus | Not Detected in 1g | Pass |
| Aspergillus niger | Not Detected in 1g | Pass |
| Aspergillus terreus | Not Detected in 1g | Pass |
| Shiga Toxin-producing E. coli | Not Detected in 1g | Pass |
| Salmonella SPP | Not Detected in 1g | Pass |
| Yeast & Mold | Not Detected in 1g | Pass |



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Terpenes Analysis

| | mg/g | | mg/g |
|------------------------|--------|---------------------------|--------|
| α -Bisabolol | N/A | Linalool | 0.0881 |
| Borneol | N/A | Ocimene | N/A |
| Camphene | N/A | β -Ocimene | 0.1433 |
| Camphor | N/A | α -Pinene | 0.0475 |
| Δ 3-Carene | N/A | β -Pinene | N/A |
| β -Caryophyllene | 0.1385 | α -Terpinene | 0.0872 |
| Caryophyllene Oxide | 0.0521 | γ -Terpinene | N/A |
| α -Cedrene | N/A | Menthol | N/A |
| Cedrol | N/A | Myrcene | 0.1100 |
| Citronellol | N/A | Nerol | N/A |
| p-Cymene | N/A | Nerolidol | N/A |
| Eucalyptol | N/A | Pulegone | N/A |
| Fenchol | N/A | Sabinene | N/A |
| Fenchone | N/A | Sabinene Hydrate | N/A |
| Geraniol | N/A | trans- β -Farnesene | N/A |
| Geranyl Acetate | N/A | Valencene | N/A |
| Guaiol | 0.0991 | cis-Nerolidol | 0.0883 |
| α -Humulene | 0.1218 | trans-Nerolidol | N/A |
| Isoborneol | N/A | Limonene | 0.1861 |

Total Terpenes concentration: 1.162mg


ENDOTECH

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