

CERTIFICATE OF ANALYSIS

| | | | |
|---------------|------------------------------------|---------------|---------|
| Product Name: | ONP CBD HIP & JOINT SOFT CHEW 60CT | LOT NUMBER: | 3258698 |
| Item Code: | 052.002769 | BEST BY DATE: | 12/2025 |

COMMODITY: PET
DESCRIPTION: CHEWS IN JAR
PACKAGING: 16OZ CLEAR PET JAR, 89/400
89-400 WHITE, SMOOTH FOIL INDUCTION LID, PET, HDPE, PP COMP
SERVING SIZE: 1 CHEW (4.0 GRAMS)
GUARANTEED ANALYSIS:

| DETERMINATION | | SPECIFICATION | UNITS | RESULTS | METHOD |
|---------------------|---|---------------|-------|----------|-------------|
| TOTAL AEROBIC COUNT | < | 100000 | CFU/g | PASS | QC-MICRO001 |
| YEAST AND MOLD | < | 1000 | CFU/g | PASS | QC-MICRO001 |
| E.COLI | | ND/10g | COUNT | CONFORMS | QC-MICRO001 |
| SALMONELLA | | ND/10g | COUNT | CONFORMS | QC-MICRO001 |

Approved by: Vanessa K Fanni
Quality Assurance

1/4/24
Date

Certificate of Analysis

| | | | |
|----------------------------|--|--------------------------|----------------------------------|
| Sample Name: | ONP CBD Hip and Joint BME Composite | Eurofins Sample: | 13649549 |
| Project ID | UCKEL_HE_N-20231227-0265 | Receipt Date | 28-Dec-2023 |
| PO Number | 1-00-10-70-63010 | Receipt Condition | Ambient temperature |
| Lot Number | 3258698 | Login Date | 27-Dec-2023 |
| Sample Serving Size | 4 g | Date Started | 28-Dec-2023 |
| | | Sampled | Sample results apply as received |
| | | Online Order | 901-2023-E080325 |

| Analysis | RSD | Specifications | Result |
|--|------|----------------------|--|
| Industrial Hemp Cannabinoid Profile | | | |
| CBDVA | 0.0% | | None detected at detection limit of 0.0004 % |
| CBDV | 0.0% | | None detected at detection limit of 0.0008 % |
| CBDA | 0.0% | | None detected at detection limit of 0.0004 % |
| CBGA | 0.0% | | None detected at detection limit of 0.0004 % |
| CBG | 0.0% | | 0.00775 % |
| CBD | 0.0% | | 0.178 % |
| THCV | 0.0% | | None detected at detection limit of 0.0008 % |
| CBN | 0.0% | | None detected at detection limit of 0.0004 % |
| Delta 9-THC | 0.0% | | None detected at detection limit of 0.0008 % |
| Delta 8-THC | 0.0% | | None detected at detection limit of 0.0017 % |
| THCA | 0.0% | | None detected at detection limit of 0.0017 % |
| CBC | 0.0% | | <0.00250 % |
| THCVA | 0.0% | | None detected at detection limit of 0.0004 % |
| CBNA | 0.0% | | None detected at detection limit of 0.0004 % |
| CBCA | 0.0% | | None detected at detection limit of 0.0017 % |
| CBL | 0.0% | | None detected at detection limit of 0.0004 % |
| Total Cannabinoids | 0.0% | >= 5 mg/Serving Size | 7.43 mg/Serving Size |

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| Analysis | RSD | Specifications | Result |
|--|------|----------------|----------------|
| Industrial Hemp Cannabinoid Profile | | | |
| Total THC (THC + (THCA x 0.877)) | 0.0% | <= 0.3 % | Not Detected % |
| Total CBD (CBD + (CBDA x 0.877)) | 0.0% | | 0.178 % |
| Elements by ICP Mass Spectrometry | | | |
| Arsenic | 2.7% | <= 0.14 ppm | 0.0515 ppm |
| Lead | 2.1% | <= 0.29 ppm | 0.0862 ppm |
| Mercury | 5.4% | <= 0.29 ppm | <0.00500 ppm |
| Cadmium | 2.2% | <= 0.09 ppm | 0.0506 ppm |

| Analysis | Limit | Result | Pass/Fail |
|--|-------|-----------|-----------|
| Residual Solvent Analysis in Cannabis and Hemp Matrices | | | |
| 1,2-Dichloroethane | | <1.0 ppm | |
| 2-Propanol | | <500 ppm | |
| Acetone | | <200 ppm | |
| Acetonitrile | | <200 ppm | |
| Benzene | | <1.0 ppm | |
| Chloroform | | <1.0 ppm | |
| Ethanol | | <500 ppm | |
| Ethyl Acetate | | <500 ppm | |
| Ethyl Ether | | <500 ppm | |
| Ethylene Oxide | | <25.0 ppm | |
| Methanol | | <500 ppm | |
| Methylene Chloride | | <1.0 ppm | |
| n-Hexane | | <30.0 ppm | |
| Propane | | <1000 ppm | |
| Toluene | | <90.0 ppm | |
| Trichloroethylene | | <1.0 ppm | |
| Summed Group 1 (Butanes) | | | |

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|---|------------|-------------|-----------|
| Residual Solvent Analysis in Cannabis and Hemp Matrices | | | |
| Isobutane (2-Methylpropane) | | <500 ppm | |
| n-Butane | | <500 ppm | |
| Sum of Butanes | | <1000 ppm | |
| Summed Group 2 (Heptanes) | | | |
| 2,2,3-Trimethylbutane | | <50.0 ppm | |
| 2,2-Dimethylpentane | | <50.0 ppm | |
| 2,3-Dimethylpentane | | <50.0 ppm | |
| 2,4-Dimethylpentane | | <50.0 ppm | |
| 2-Methylhexane | | <50.0 ppm | |
| 3,3-Dimethylpentane | | <50.0 ppm | |
| 3-Ethylpentane | | <50.0 ppm | |
| 3-Methylhexane | | <50.0 ppm | |
| n-Heptane | | <50.0 ppm | |
| Sum of Heptanes | | <450 ppm | |
| Summed Group 3 (Petroleum Ether) | | | |
| 2,2-Dimethylbutane | | <25.0 ppm | |
| 2,3-Dimethylbutane | | <25.0 ppm | |
| 2-Methylpentane | | <25.0 ppm | |
| 3-Methylpentane | | <25.0 ppm | |
| n-Pentane | | <25.0 ppm | |
| Sum of Petroleum Ether | | <125 ppm | |
| Summed Group 4 (Xylenes) | | | |
| Xylenes-1 (Ethylbenzene) | | <40.0 ppm | |
| Xylenes-2 (m- p-Xylene) | | <140 ppm | |
| Xylenes-3 (o-Xylene) | | <20.0 ppm | |
| Sum of Xylenes | | <200 ppm | |
| Multi-Residue Analysis for hemp products - EP 2.8.13/USP <561> regulations | | | |
| Acephate | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Alachlor | 0.05 mg/kg | <0.05 mg/kg | Pass |

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| Analysis | Limit | Result | Pass/Fail |
|---|------------|-------------|-----------|
| Multi-Residue Analysis for hemp products - EP 2.8.13/USP <561> regulations | | | |
| Aldrin and dieldrin (sum of) | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Azinphos-ethyl | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Azinphos-methyl | 1 mg/kg | <1 mg/kg | Pass |
| Bromophos-ethyl | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Bromophos-methyl | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Bromopropylate | 3 mg/kg | <3 mg/kg | Pass |
| Chlordane (sum of cis- and trans- isomers and oxychlordane) | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Chlorfenvinphos | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Chlorpyrifos-ethyl | 0.2 mg/kg | <0.2 mg/kg | Pass |
| Chlorpyrifos-methyl | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Chlorthal-dimethyl | 0.01 mg/kg | <0.01 mg/kg | Pass |
| Cyfluthrin (sum of isomers) | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Cyhalothrin, lambda- | 1 mg/kg | <1 mg/kg | Pass |
| Cypermethrin (sum of isomers) | 1 mg/kg | <1 mg/kg | Pass |
| DDT (sum of o,p'-DDT, p,p'-DDT, o,p'-DDE, p,p'-DDE, o,p'-DDD, and p,p'-DDD) | 1 mg/kg | <1 mg/kg | Pass |
| Deltamethrin | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Diazinon | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Dichlofluanid | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Dichlorvos | 1 mg/kg | <1 mg/kg | Pass |
| Dicofol | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Dimethoate and omethoate (sum of) | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Endosulfan (sum of isomers and endosulfan sulfate) | 3 mg/kg | <3 mg/kg | Pass |
| Endrin | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Ethion | 2 mg/kg | <2 mg/kg | Pass |
| Etrimphos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Fenchlorphos (sum of fenchlorphos and fenchlorphos-oxon) | 0.1 mg/kg | <0.1 mg/kg | Pass |

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|--|------------|-------------|-----------|
| Multi-Residue Analysis for hemp products - EP 2.8.13/USP <561> regulations | | | |
| Fenitrothion | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Fenpropathrin | 0.03 mg/kg | <0.03 mg/kg | Pass |
| Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxonsulfon and fensulfothion-sulfon) | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Fenthion (sum of fenthion, fenthion-oxon, fenthion-oxon-sulfon, fenthion-oxon-sulfoxid, fenthion-sulfon and fenthion-sulfoxid) | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Fenvalerate | 1.5 mg/kg | <1.5 mg/kg | Pass |
| Flucythrinate | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Fluvalinate, tau- | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Fonofos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Heptachlor (sum of heptachlor, cis-heptachlorepoxide and trans-heptachlorepoxide) | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Hexachlorobenzene | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Hexachlorocyclohexane isomers (other than gamma) | 0.3 mg/kg | <0.3 mg/kg | Pass |
| Lindane (gamma-hexachlorocyclohexane) | 0.6 mg/kg | <0.6 mg/kg | Pass |
| Malathion and malaoxon (sum of) | 1 mg/kg | <1 mg/kg | Pass |
| Mecarbam | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Methacriphos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Methamidophos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Methidathion | 0.2 mg/kg | <0.2 mg/kg | Pass |
| Methoxychlor | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Mirex | 0.01 mg/kg | <0.01 mg/kg | Pass |
| Monocrotophos | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Parathion-ethyl and paraoxon-ethyl (sum of) | 0.5 mg/kg | <0.5 mg/kg | Pass |
| Parathion-methyl and paraoxon-methyl (sum of) | 0.2 mg/kg | <0.2 mg/kg | Pass |
| Pendimethalin | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Pentachloranisol | 0.01 mg/kg | <0.01 mg/kg | Pass |

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| Multi-Residue Analysis for hemp products - EP 2.8.13/USP <561> regulations | | | |
| Permethrin (sum of isomers) | 1 mg/kg | <1 mg/kg | Pass |
| Phosalone | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Phosmet | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Piperonyl butoxide | 3 mg/kg | <3 mg/kg | Pass |
| Pirimiphos-ethyl | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Pirimiphos-methyl (sum of pirimiphos-methyl and N-desethyl-pirimiphos-methyl) | 4 mg/kg | <4 mg/kg | Pass |
| Procymidone | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Profenophos | 0.1 mg/kg | <0.1 mg/kg | Pass |
| Prothiophos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, and pyrethrin II) | 3 mg/kg | <3 mg/kg | Pass |
| Quinalphos | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Quintozene (sum of quintozene, pentachloraniline and methyl pentachlorophenyl sulfide) | 1 mg/kg | <1 mg/kg | Pass |
| S-421 | 0.02 mg/kg | <0.02 mg/kg | Pass |
| Tecnazene | 0.05 mg/kg | <0.05 mg/kg | Pass |
| Tetradifon | 0.3 mg/kg | <0.3 mg/kg | Pass |
| Vinclozolin | 0.4 mg/kg | <0.4 mg/kg | Pass |

| Method References | Testing Location |
|-------------------|------------------|
|-------------------|------------------|

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Certificate of Analysis

Method References

Testing Location

Multi-Residue Analysis for hemp products - EP 2.8.13/USP <561> regulations (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

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