# Certificate of Analysis

XPIRIENT RELIEF 750MG
PEPPERMINT



**Xpirient**
Tampa, FL, USA 33634

**SAMPLE:DA90419005-001**
Batch#: BML909, Sample Size: 30ML -grams
Completed: 04/23/19 Expires: 04/23/20

## Image

## Safety

Pesticides - Passed
Microbials - Passed
Mycotoxins - Passed
Heavy Metals - Passed
Residual-Solvents - Passed
Filth - Passed

## Cannabinoids

| Analyte | Weight(%) | mg/g |
|---|---|---|
| D9-THC | ND | ND |
| THCa | ND | ND |
| TOTAL THC | ND | ND |
| CBD | 2.818 | 28.18 |
| CBDa | ND | ND |
| TOTAL CBD | 2.818 | 28.18 |
| CBN | ND | ND |
| CBDV | ND | ND |
| D8-THC | ND | ND |
| THCV | ND | ND |
| CBG | ND | ND |
| CBGa | ND | ND |
| CBC | ND | ND |
| TOTAL CANNABINOIDS | 2.818 | 28.18 |

## Cannabinoids

| 0.00% Total THC | 2.818% Total CBD |
|---|---|
| 0 THC/Container | 845.4 mg CBD/Container |

| D9-THC | THCa | CBD | CBDa | CBN | CBDV | D8-THC | THCV | CBG | CBGa | CBC |
|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | 2.818 | ND | ND | ND | ND | ND | ND | ND | ND |

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL 33314
1-954-368-7664
info@eviolabsfl.com

Jorge Segredo
Lab Director

State License # n/a
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EVIO Inc. (OTCQB:EVIO)

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X FACTOR NUTRITION

QC PASSED

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| Pesticides | LOQ | Action Level | Result | Units | Type |
|---|---|---|---|---|---|
| Daminozide | 0.02 | 1 | ND | ppm | Plant growth regulator |
| Acephate | 0.01 | 0.4 | ND | ppm | Insecticide |
| Flonicamid | 0.01 | 1 | ND | ppm | Pyridine Insecticide, Aphicide |
| Oxamyl | 0.01 | 1 | ND | ppm | Carbamate Insecticide, Acaricide, Nematicide |
| Methomyl | 0.01 | 0.4 | ND | ppm | Carbamate Insecticide, Acaricide, Metabolite |
| Thiamethoxam | 0.01 | 0.2 | ND | ppm | Neonicotinoid Insecticide |
| Imidacloprid | 0.01 | 0.4 | ND | ppm | Neonicotinoid Insecticide |
| Dimethoate | 0.01 | 0.2 | ND | ppm | Organophosphate Insecticide, Acaricide, Metabolite |
| Acetamiprid | 0.01 | 0.2 | ND | ppm | Insecticide |
| Thiacloprid | 0.01 | 0.2 | ND | ppm | Neonicotinoid Insecticide, Molluscicide |
| Aldicarb | 0.02 | 0.4 | ND | ppm | Insecticide, Nematicide |
| Dichlorvos | 0.05 | 0.1 | ND | ppm | Organophosphate Insecticide, Acaricide, Metabolite |
| Propoxur | 0.01 | 0.2 | ND | ppm | Carbamate Insecticide, Acaricide |
| Carbofuran | 0.01 | 0.2 | ND | ppm | Insecticide, Nematicide |
| Carbaryl | 0.01 | 0.2 | ND | ppm | Insecticide |
| Imazalil | 0.01 | 0.2 | ND | ppm | Imidazole Fungicide |
| Metalaxyl | 0.01 | 0.2 | ND | ppm | Phenylamide Fungicide |
| Chlorantraniliprole | 0.01 | 0.2 | ND | ppm | Insecticide |
| Phosmet | 0.01 | 0.2 | ND | ppm | Organophosphate Insecticide, Acaricide |
| Spiroxamine | 0.01 | 0.4 | ND | ppm | Morpholine Fungicide |
| Naled | 0.01 | 0.5 | ND | ppm | Organophosphate Insecticide, Acaricide |
| Methiocarb | 0.01 | 0.2 | ND | ppm | Carbamate Insecticide, Molluscicide, Bird repellent |
| Azoxystrobin | 0.01 | 0.2 | ND | ppm | Fungicide |
| Paclobutrazol | 0.01 | 0.4 | ND | ppm | Triazole Plant growth regulator; Fungicide |
| Malathion | 0.01 | 0.2 | ND | ppm | Organophosphate Insecticide, Acaricide |
| Myclobutanil | 0.01 | 0.2 | ND | ppm | Triazole Fungicide |
| Bifenazate | 0.01 | 0.2 | ND | ppm | Insecticide |
| Spirotetramat | 0.02 | 0.2 | ND | ppm | Tetramic acid Insecticide |
| Ethoprophos | 0.01 | 0.2 | ND | ppm | Insecticide, Nematicide |
| Fenoxycarb | 0.01 | 0.2 | ND | ppm | Carbamate Insecticide |
| Kresoxim-methyl | 0.01 | 0.4 | ND | ppm | Strobilurin Fungicide, Bactericide |
| Tebuconazole | 0.01 | 0.4 | ND | ppm | Triazole Fungicide |
| Diazanon | 0.01 | 0.2 | ND | ppm | Organophosphate Insecticide, Acaricide, Repellent |

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DAVIE, FL 33314
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Jorge Segredo
Lab Director

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| Pesticides | LOQ | Action Level | Result | Units | Type |
|---|---|---|---|---|---|
| Propiconazole | 0.01 | 0.4 | ND | ppm | Triazole Fungicide |
| Clofentezine | 0.01 | 0.2 | ND | ppm | Tetrazine Acaricide |
| Spinosad (Spinosyn A) | 0.01 | 0.2 | ND | ppm | Insecticide |
| Prallethrin | 0.05 | 0.2 | ND | ppm | Synthetic pyrethroid Insecticide |
| Trifloxystrobin | 0.01 | 0.2 | ND | ppm | Strobilurin Fungicide |
| Piperonyl butoxide | 0.01 | 3 | ND | ppm | Cyclic aromatic; Performance enhancer, Synergist |
| Chlorpyrifos | 0.01 | 0.2 | ND | ppm | Organophosphate Insecticide |
| Hexythiazox | 0.01 | 1 | ND | ppm | Carboxamide Acaricide |
| Etoxazole | 0.01 | 0.2 | ND | ppm | Diphenyl oxazoline Acaricide |
| Spiromesifen | 0.01 | 0.2 | ND | ppm | Tetronic acid Insecticide |
| Pyrethrins (Pyrethrin I) | 0.01 | 1 | ND | ppm | Insecticide |
| Fenpyroximate | 0.01 | 0.4 | ND | ppm | Pyrazolium Acaricide, Insecticide |
| Pyridaben | 0.01 | 0.2 | ND | ppm | Pyridazinone Insecticide, Acaricide |
| Permethrins | 0.05 | 0.2 | ND | ppm | Pyrethroid Insecticide |
| Abamectin B1a | 0.02 | 0.5 | ND | ppm | Insecticide |
| Etofenprox | 0.01 | 0.4 | ND | ppm | Pyrethroid Insecticide |
| Bifenthrin | 0.01 | 0.2 | ND | ppm | Acaricide, Insecticide |
| Fludioxonil | 0.01 | 0.4 | ND | ppm | Phenylpyrrole Fungicide |
| Fipronil | 0.02 | 0.4 | ND | ppm | Phenylpyrazole Insecticide |
| Cypermethrin | 0.02 | 1 | ND | ppm | Pyrethroid Insecticide, Veterinary substance |
| Mevinphos | 0.01 | 0.1 | ND | ppm | Organophosphate Insecticide, Acaricide |
| Dimethomorph | 0.01 | 0.1 | ND | ppm | Morpholine Fungicide |
| Coumaphos | 0.01 | 0.2 | ND | ppm | Insecticide |
| Spinosad (Spinosyn D) | 0.01 | 0.2 | ND | ppm | Insecticide |

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| Residual solvent | Action Level(ppm) | Pass/Fail | Results(ppm) |
|---|---|---|---|
| Hexanes (2,3-dimethylbutane) | 290 | Pass | ND |
| 1,4-Dioxane | 380 | Pass | ND |
| Pentanes (iso-pentane) | 5000 | Pass | ND |
| Pentanes (neo-pentane) | 5000 | Pass | ND |
| Butanes (iso-butane) | 5000 | Pass | ND |
| 2-Butanol | 5000 | Pass | ND |
| 2-Ethoxyethanol | 160 | Pass | ND |
| 2-Propanol | 5000 | Pass | ND |
| Acetone | 5000 | Pass | ND |
| Acetonitrile | 410 | Pass | ND |
| Benzene | 1 | Pass | ND |
| Butanes (n-butane) | 5000 | Pass | ND |
| Cyclohexane | 3880 | Pass | ND |
| Dichloromethane | 600 | Pass | ND |
| Hexanes (2,2-dimethylbutane) | 290 | Pass | ND |
| Xylenes-O (1,2-dimethylbenzene) | 2170 | Pass | ND |
| Xylenes-M (1,3-dimethylbenzene) | 2170 | Pass | ND |
| Xylenes-P (1,4-dimethylbenzene) | 2170 | Pass | ND |
| Ethanol | 5000 | Pass | ND |
| Ethyl acetate | 5000 | Pass | ND |
| Ethylbenzene | 2170 | Pass | ND |
| Ethyl ether | 5000 | Pass | ND |
| Ethylene Oxide | 50 | Pass | ND |
| Heptane | 5000 | Pass | ND |
| n-Hexane | 290 | Pass | ND |
| Isopropyl acetate | 5000 | Pass | ND |
| Methanol | 3000 | Pass | ND |
| Hexanes (2-methylpentane) | 290 | Pass | ND |
| Hexanes (3-methylpentane) | 290 | Pass | ND |
| Pentanes (n-pentane) | 5000 | Pass | ND |
| Propane | 5000 | Pass | ND |
| Tetrahydrofuran | 720 | Pass | ND |
| Toluene | 1068 | Pass | ND |
| Xylenes | 2170 | Pass | ND |

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PEPPERMINT



**Xpirient**
FL, USA 33626

**SAMPLE:DA90419005-001**
Batch#: BML909, Sample Size: 30ML -grams
Completed: 04/23/19 Expires: 04/23/20

## Cannabinoid Profile Test Result-Analysis Method :SOP.T.40.020, SOP.T.30.050 — Analytical Batch:DA002881

| Reagent LOT ID | Dilution | Consumables Id |
|---|---|---|
| 041919.R09 | 10 | 180711 |
| 041819.R04 | | SFN-BX-1025 |
| 041819.R03 | | 850C4-850AK |
| | | 840C6-840H |

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

## Filth and foreign Materials-Analysis Method :SOP.T.40.013

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

## Mycotoxin Analysis-Analysis Method :SOP.T.30.065, SOP.T.40.065 — Analytical Batch:DA002880

| Analyte | Results | Action Level |
|---|---|---|
| Aflatoxin G2 | ND | 0.02 |
| Aflatoxin G1 | ND | 0.02 |
| Aflatoxin B2 | ND | 0.02 |
| Aflatoxin B1 | ND | 0.02 |
| Ochratoxin A+ | ND | 0.02 |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

## Micro Analysis-Analysis method :SOP.T.40.043 — Analytical Batch: DA002886

| Pathogens | Results |
|---|---|
| Aspergillus_terreus_1J2 | not present in 1 gram. |
| Aspergillus_niger | not present in 1 gram. |
| Aspergillus_fumigatus | not present in 1 gram. |
| Aspergillus_flavus | not present in 1 gram. |
| Salmonella_specific_gene | not present in 1 gram. |
| Escherichia_coli_Shigella_spp_ | not present in 1 gram. |
| Total_Yeast_and_Mold | not present in 1 gram. |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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**SAMPLE:DA90419005-001**
Batch#: BML909, Sample Size: 30ML -grams
Completed: 04/23/19 Expires: 04/23/20

**Pesticide Analysis-Analysis Method:SOP.T.30.065, SOP.T.40.065**

**Analytical Batch :DA002879**

| Reagent LOT/ID | Dilution | Consumables ID |
|---|---|---|
| 041919.R10 | 1 | 180711 |
| | | SFN-BX-1025 |

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMS).

**Heavy Metals Analysis-Analysis-Method:SOP.T.40.050, SOP.T.30.052**

**Analytical Batch: DA002873**

| Reagent LOT/ID | Dilution | Consumables ID |
|---|---|---|
| 041019.R21 | 50 | |
| 041719.R22 | | |
| 041019.R19 | | |
| 011519.01 | | |
| 042219.R06 | | |
| 042219.R07 | | |
| 040819.R38 | | |
| 041819.R27 | | |
| 042219.R08 | | |
| 042219.R09 | | |
| 042219.R10 | | |
| 042219.R11 | | |
| 041519.R21 | | |
| 040119.03 | | |

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

| Metal | Result | Action-Level |
|---|---|---|
| Arsenic | ND | 1.500 |
| Cadmium | ND | 0.500 |
| Lead | ND | 0.500 |
| Mercury | ND | 3 |

Abbreviation:ppm=Parts Per Million

**Residual SolventsAnalysis Method:SOP.T.40.032** **Analytical Batch :DA002874**

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

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