

Certificate of Analysis

The Sera Labs, Inc.

5805 Sepulveda Blvd #801
Van Nuys California 91411 United States

| | | | |
|----------------------------|--|--------------------------|----------------------------------|
| Sample Name: | The Sera Labs - Cracked Heel Souffle - 20200312-1 | Eurofins Sample: | 9373420 |
| Sample Pass/Fail | PASS | Receipt Date | 19-Mar-2020 |
| Project ID | CVS_HEALTH-20200318-0023 | Receipt Condition | Ambient temperature |
| PO Number | CVD | Login Date | 18-Mar-2020 |
| Lot Number | 200781A | Date Started | 19-Mar-2020 |
| Sample Serving Size | 40 g | Sampled | Sample results apply as received |
| Description | Cracked Heel Souffle with CBD UPC 850012659128 Exp 03-17-22 1.42oz (40gm) | Online Order | 16275-13339591 |

| Analysis | Result | Specifications | Pass/Fail |
|--|-----------------------|------------------------|-----------|
| Project Management Fee (CBD) * | | | |
| Result | Complete | | |
| Industrial Hemp Cannabinoid Profile | | | |
| CBDVA | <1.00 mg/Serving Size | | |
| CBDV | 5.84 mg/Serving Size | | |
| CBDA | <1.00 mg/Serving Size | | |
| CBGA | <1.00 mg/Serving Size | | |
| CBG | <1.00 mg/Serving Size | | |
| CBD | 375 mg/Serving Size | >= 300 mg/Serving Size | Pass |
| THCV | <1.00 mg/Serving Size | | |
| CBN | <1.00 mg/Serving Size | | |
| Delta 9-THC | <1.00 mg/Serving Size | | |
| Delta 8-THC | <2.00 mg/Serving Size | | |
| THCA | <1.00 mg/Serving Size | | |
| CBC | <1.00 mg/Serving Size | | |
| THCVA | <1.00 mg/Serving Size | | |
| CBNA | <1.00 mg/Serving Size | | |
| CBCA | <1.00 mg/Serving Size | | |
| CBL | <1.00 mg/Serving Size | | |
| Total Cannabinoids | 381 mg/Serving Size | | |
| Total THC (THC + (THCA x 0.877)) | <1.00 mg/Serving Size | | |
| Total CBD (CBD + (CBDA x 0.877)) | 375 mg/Serving Size | | |
| CBDVA | <1.00 mg/Serving Size | | |
| CBDV | 5.64 mg/Serving Size | | |
| CBDA | <1.00 mg/Serving Size | | |

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|--|-----------------------|------------------------|-----------|
| Industrial Hemp Cannabinoid Profile | | | |
| CBGA | <1.00 mg/Serving Size | | |
| CBG | <1.00 mg/Serving Size | | |
| CBD | 375 mg/Serving Size | >= 300 mg/Serving Size | Pass |
| THCV | <1.00 mg/Serving Size | | |
| CBN | <1.00 mg/Serving Size | | |
| Delta 9-THC | <1.00 mg/Serving Size | | |
| Delta 8-THC | <2.00 mg/Serving Size | | |
| THCA | <1.00 mg/Serving Size | | |
| CBC | <1.00 mg/Serving Size | | |
| THCVA | <1.00 mg/Serving Size | | |
| CBNA | <1.00 mg/Serving Size | | |
| CBCA | <1.00 mg/Serving Size | | |
| CBL | <1.00 mg/Serving Size | | |
| Total Cannabinoids | 381 mg/Serving Size | | |
| Total THC (THC + (THCA x 0.877)) | <1.00 mg/Serving Size | | |
| Total CBD (CBD + (CBDA x 0.877)) | 375 mg/Serving Size | | |
| Aerobic Plate Count * | | | |
| Aerobic Plate Count | <100 CFU/g | <= 1000 CFU/g | Pass |
| E. coli * | | | |
| Escherichia Coli | Absent /10 g | | |
| Enterobacteriaceae (Bile-Tolerant Gram-Negative Bacteria) * | | | |
| Enterobacterial Count | <10 MPN/g | <= 1000 MPN/g | Pass |
| Salmonella USP * | | | |
| Salmonella | Absent /10 g | | |

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|--|--|----------------|-----------|
| Staphylococcus * | | | |
| Staphylococcus Aureus | Absent /10 g | | |
| Yeast and Mold Count * | | | |
| Combined Yeast and Mold Count | <10 CFU/g | <= 100 CFU/g | Pass |
| Preparatory Testing of Nutritional and Dietary Supplements * | | | |
| Salmonella Suitability Result | Pass** | | |
| Bile-Tolerant Gram-Neg Bacteria Suitability Result | Pass** | | |
| Yeast and Mold Suitability | Pass** | | |
| E. coli Suitability Result | Pass** | | |
| Staphylococcus Suitability Result | Pass** | | |
| Preparatory Testing of Nutritional and Dietary Supplements - Retest * | | | |
| Aerobic Plate Suitability Result | Neutralization of the product is not applicable, due to the microbicidal activity of the product, it is not likely to contain specified microorganism. | | |
| Elements by ICP Mass Spectrometry | | | |
| Arsenic | <0.0100 mcg/g | <= 1.5 mcg/g | Pass |
| Cadmium | <0.00500 mcg/g | <= 0.5 mcg/g | Pass |
| Lead | <0.00500 mcg/g | <= 0.5 mcg/g | Pass |
| Mercury | <0.00500 mcg/g | <= 3.0 mcg/g | Pass |
| Appearance * | | | |

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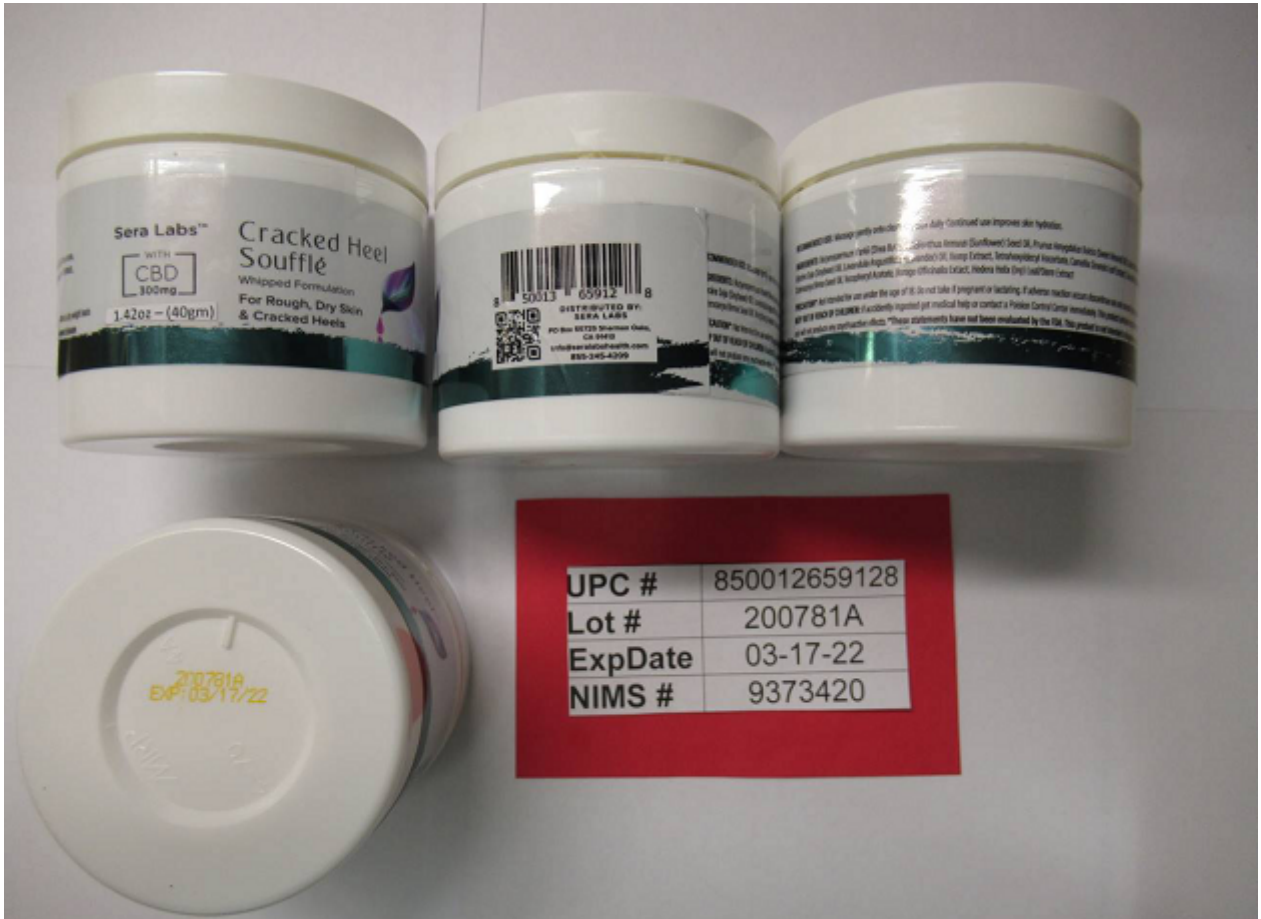
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| Appearance * Attachment | | | |



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| Analysis | Result | Specifications | Pass/Fail |
|----------|--------|----------------|-----------|
|----------|--------|----------------|-----------|

Appearance *

| Analysis | Limit | Result | Pass/Fail |
|----------|-------|--------|-----------|
|----------|-------|--------|-----------|

Mycotoxins in Raw Materials

| | | | |
|------------------------|--------|------------|------|
| Aflatoxin B1 | | <0.500 ppb | |
| Aflatoxin B2 | | <0.500 ppb | |
| Aflatoxin G1 | | <0.500 ppb | |
| Aflatoxin G2 | | <0.500 ppb | |
| Ochratoxin A | 20 ppb | <1.00 ppb | Pass |
| Sum of B1 B2 G1 and G2 | 20 ppb | <2.00 ppb | Pass |

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices *

Category I Residual Solvent or Processing Chemical

| | | | |
|--------------------|----------|-----------|------|
| 1,2-Dichloroethane | 1.0 ppm | <1.0 ppm | Pass |
| Benzene | 1.0 ppm | <1.0 ppm | Pass |
| Chloroform | 1.0 ppm | <1.0 ppm | Pass |
| Ethylene Oxide | 25.0 ppm | <25.0 ppm | Pass |
| Methylene Chloride | 1.0 ppm | <1.0 ppm | Pass |
| Trichloroethylene | 1.0 ppm | <1.0 ppm | Pass |

The BCC limit of 1 ppm for Ethylene Oxide is not achieved by this method. Reporting limit of 25 ppm is the limit recommended by the AOAC CASP.

Category II Residual Solvent or Processing Chemical

| | | | |
|-------------------|----------|-----------|------|
| Isopropal Alcohol | 5000 ppm | <500 ppm | Pass |
| Acetone | 5000 ppm | <200 ppm | Pass |
| Acetonitrile | 410 ppm | <200 ppm | Pass |
| Ethanol | 5000 ppm | <1000 ppm | Pass |
| Ethyl Acetate | 5000 ppm | <500 ppm | Pass |

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| Analysis | Limit | Result | Pass/Fail |
|---|-----------|-------------|-----------|
| BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices * | | | |
| Ethyl Ether | 5000 ppm | <500 ppm | Pass |
| Methanol | 3000 ppm | <500 ppm | Pass |
| Butane | 5000 ppm | <500 ppm | Pass |
| Heptane | 5000 ppm | <50.0 ppm | Pass |
| Hexane | 290 ppm | <30.0 ppm | Pass |
| Pentane | 5000 ppm | <25.0 ppm | Pass |
| Propane | 5000 ppm | <1000 ppm | Pass |
| Toluene | 890 ppm | <90.0 ppm | Pass |
| Xylenes (ortho-, meta-, para-) | 2170 ppm | <160 ppm | Pass |
| The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. | | | |
| Multi-Residue Analysis for hemp products - BCC Pesticide List | | | |
| Abamectin | 0.3 mg/kg | <0.30 mg/kg | Pass |
| Acephate | 5 mg/kg | <0.10 mg/kg | Pass |
| Acequinocyl | 4 mg/kg | <1.0 mg/kg | Pass |
| Acetamiprid | 5 mg/kg | <0.10 mg/kg | Pass |
| Aldicarb | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Aldicarb sulfone (Aldoxycarb) | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Aldicarb sulfoxide | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Azoxystrobin | 40 mg/kg | <0.10 mg/kg | Pass |
| Bifenazate | 5 mg/kg | <0.10 mg/kg | Pass |
| Bifenthrin | 0.5 mg/kg | <0.10 mg/kg | Pass |
| Boscalid | 10 mg/kg | <0.10 mg/kg | Pass |
| Captan | 5 mg/kg | <0.20 mg/kg | Pass |
| Carbaryl | 0.5 mg/kg | <0.10 mg/kg | Pass |
| Carbofuran | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Carbofuran-3-hydroxy- | 0.1 mg/kg | <0.10 mg/kg | Pass |

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|--|-----------|-------------|-----------|
| Multi-Residue Analysis for hemp products - BCC Pesticide List | | | |
| Chlorantraniliprole | 40 mg/kg | <0.10 mg/kg | Pass |
| Chlordane, cis- | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Chlordane, trans- | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Chlorfenapyr | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Chlorpyrifos | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Clofentezine | 0.5 mg/kg | <0.10 mg/kg | Pass |
| Coumaphos | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Cyfluthrin | 1 mg/kg | <0.10 mg/kg | Pass |
| Cypermethrin | 1 mg/kg | <0.10 mg/kg | Pass |
| Diazinon | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Dichlorvos | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Dimethoate | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Dimethomorph | 20 mg/kg | <0.10 mg/kg | Pass |
| Ethoprophos | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Etofenprox | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Etoxazole | 1.5 mg/kg | <0.10 mg/kg | Pass |
| Fenoxycarb | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Fenpyroximate | 2 mg/kg | <0.10 mg/kg | Pass |
| Fipronil | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Fipronil desulfinyil | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Fipronil sulfone | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Flonicamid | 2 mg/kg | <0.10 mg/kg | Pass |
| Fludioxonil | 30 mg/kg | <0.10 mg/kg | Pass |
| Hexythiazox | 2 mg/kg | <0.10 mg/kg | Pass |
| Imazalil | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Imidacloprid | 3 mg/kg | <0.10 mg/kg | Pass |
| Kresoxim-methyl | 1 mg/kg | <0.10 mg/kg | Pass |

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|--|-----------|-------------|-----------|
| Multi-Residue Analysis for hemp products - BCC Pesticide List | | | |
| Malathion | 5 mg/kg | <0.10 mg/kg | Pass |
| Metalaxyl | 15 mg/kg | <0.10 mg/kg | Pass |
| Methiocarb | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Methiocarb sulfone | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Methiocarb sulfoxide | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Methomyl | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Mevinphos | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Myclobutanil | 9 mg/kg | <0.10 mg/kg | Pass |
| Naled | 0.5 mg/kg | <0.10 mg/kg | Pass |
| Oxamyl | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Paclobutrazol | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Methyl parathion | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Pentachloroaniline | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Pentachlorobenzene | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Pentachlorobenzonitrile | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Pentachlorothioanisole | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Permethrin | 20 mg/kg | <0.10 mg/kg | Pass |
| Phosmet | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Piperonylbutoxide | 8 mg/kg | <0.10 mg/kg | Pass |
| Prallethrin | 0.4 mg/kg | <0.10 mg/kg | Pass |
| Propiconazole (sum of isomers) | 20 mg/kg | <0.10 mg/kg | Pass |
| Propoxur | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Pyrethrins | 1 mg/kg | <1.0 mg/kg | Pass |
| Pyridaben | 3 mg/kg | <0.10 mg/kg | Pass |
| Pentachloronitrobenzene | 0.2 mg/kg | <0.10 mg/kg | Pass |
| Spinetoram | 3 mg/kg | <0.10 mg/kg | Pass |
| Spinosad | 3 mg/kg | <0.10 mg/kg | Pass |

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| Analysis | Limit | Result | Pass/Fail |
|---|-----------|-------------|-----------|
| Multi-Residue Analysis for hemp products - BCC Pesticide List | | | |
| Spiromesifen | 12 mg/kg | <0.10 mg/kg | Pass |
| Spirotetramat | 13 mg/kg | <0.10 mg/kg | Pass |
| Spiroxamine | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Tebuconazole | 2 mg/kg | <0.10 mg/kg | Pass |
| Thiacloprid | 0.1 mg/kg | <0.10 mg/kg | Pass |
| Thiamethoxam | 4.5 mg/kg | <0.10 mg/kg | Pass |
| Trifloxystrobin | 30 mg/kg | <0.10 mg/kg | Pass |
| The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. | | | |
| Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminozide | | | |
| Fenhexamid | 10 mg/kg | <0.10 mg/kg | Pass |
| Daminozide | 0.1 mg/kg | <0.10 mg/kg | Pass |
| The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. | | | |

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

Aerobic Plate Count (USPC2021)

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

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Appearance (APPE)

The United States Pharmacopeia, Thirty Fourth Revision, 994, USP Convention, Inc., Rockville, MD (2011)(Modified).

Food Integrity Innovation-Madison
3301 Kinsman Blvd Madison, WI 53704 USA

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Internally Developed Method

Food Integrity Innovation-Madison
3301 Kinsman Blvd Madison, WI 53704 USA

E. coli (USPE2022)

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

Elements by ICP Mass Spectrometry (ICP_MS_S)

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Food Integrity Innovation-Madison
3301 Kinsman Blvd Madison, WI 53704 USA

Enterobacteriaceae (Bile-Tolerant Gram-Negative Bacteria) (USPN2021)

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

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| <p>Industrial Hemp Cannabinoid Profile (IHCBD_S)</p> <p>Official Methods of Analysis, Method 2018.11, AOAC INTERNATIONAL, (Modified). Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue</p> | <p>Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA</p> |
| <p>Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)</p> <p><i>Official Methods of Analysis, AOAC Official Method 2007.01</i>, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</p> <p><i>CEN Standard Method EN 15662</i>: 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.</p> <p>List of the tested pesticides and their limits of quantification (LOQs) are available upon request.</p> | <p>Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA</p> |
| <p>Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)</p> <p><i>Official Methods of Analysis, AOAC Official Method 2007.01</i>, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</p> <p><i>CEN Standard Method EN 15662</i>: 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.</p> <p>List of the tested pesticides and their limits of quantification (LOQs) are available upon request.</p> | <p>Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA</p> |
| <p>Mycotoxins in Raw Materials (MYCO_REG_S)</p> <p>Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).</p> | <p>Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA</p> |
| <p>Preparatory Testing of Nutritional and Dietary Supplements - Retest (USPC_PT)</p> | <p>Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA</p> |
| <p>Preparatory Testing of Nutritional and Dietary Supplements (USPA_PT)</p> | <p>Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA</p> |
| <p>Preparatory Testing of Nutritional and Dietary Supplements (USPE_PT)</p> | <p>Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA</p> |

* This analysis or component is not ISO accredited.

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Van Nuys California 91411 United States

| Method References | Testing Location |
|-------------------|------------------|
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| Preparatory Testing of Nutritional and Dietary Supplements (USPM_PT) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
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| Preparatory Testing of Nutritional and Dietary Supplements (USPN_PT) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
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| Preparatory Testing of Nutritional and Dietary Supplements (USPS_PT) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
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| Project Management Fee (CBD) (PROJ_MGMT) | Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA |
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|---------------------------|---|
| Salmonella USP (USPS2022) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
|---------------------------|---|

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

| | |
|---------------------------|---|
| Staphylococcus (USPA2022) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
|---------------------------|---|

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

| | |
|---------------------------------|---|
| Yeast and Mold Count (USPM2021) | Food Integ. Innovation-Madison NE 2102 Wright Street Madison, WI 53704 USA |
|---------------------------------|---|

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

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Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Eurofins Food Chemistry Testing US, Inc.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375

Edward Ladwig - Director



2918.01

Food Integ. Innovation-Madison NE

Eurofins Food Chemistry Testing US, Inc.
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800-675-8375

Shannon Jacoby - Business Unit Manager

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