

## Certificate of Analysis

Anano Technologies

|                            |   |                          |                     |
|----------------------------|---|--------------------------|---------------------|
| <b>Sample Name:</b>        | <b>10X Next Hemp (2 60 count Bottles)</b> | <b>Eurofins Sample:</b>  | <b>825511</b>       |
| <b>Project ID</b>          | ANANO_TECH-20190318-0006                  | <b>Receipt Date</b>      | 15-Mar-2019         |
| <b>PO Number</b>           | CVD                                       | <b>Receipt Condition</b> | Ambient temperature |
| <b>Lot Number</b>          | B18000656                                 | <b>Login Date</b>        | 18-Mar-2019         |
| <b>Sample Serving Size</b> | 2 Softgel                                 |                          |                     |

### Analysis

### Result

#### Industrial Hemp Cannabinoid Profile

|                    |                        |
|--------------------|------------------------|
| CBDVA              | <0.250 mg/Serving Size |
| CBDV               | <0.250 mg/Serving Size |
| CBDA               | 0.627 mg/Serving Size  |
| CBGA               | <0.250 mg/Serving Size |
| CBG                | 0.251 mg/Serving Size  |
| CBD                | 10.5 mg/Serving Size   |
| THCV               | <0.250 mg/Serving Size |
| CBN                | <0.250 mg/Serving Size |
| Delta 9-THC        | 0.442 mg/Serving Size  |
| Delta 8-THC        | <0.499 mg/Serving Size |
| THCA               | <0.250 mg/Serving Size |
| CBC                | 0.632 mg/Serving Size  |
| Total Cannabinoids | 12.4 mg/Serving Size   |

#### Calculated Sample Weight \*

|                    |          |
|--------------------|----------|
| Entity Weight      | 0.6912 g |
| Entity Fill Weight | 0.4990 g |

#### Aerobic Plate Count \*

|                     |           |
|---------------------|-----------|
| Aerobic Plate Count | <10 CFU/g |
|---------------------|-----------|

#### Coliforms (Petrifilm)

|                 |           |
|-----------------|-----------|
| Total coliforms | <10 CFU/g |
|-----------------|-----------|

#### E. coli \*

|                  |              |
|------------------|--------------|
| Escherichia Coli | Absent /10 g |
|------------------|--------------|

#### Salmonella USP \*

|            |              |
|------------|--------------|
| Salmonella | Absent /10 g |
|------------|--------------|

#### Staphylococcus \*

|                       |              |
|-----------------------|--------------|
| Staphylococcus Aureus | Absent /10 g |
|-----------------------|--------------|

#### Yeast and Mold Count \*

|             |           |
|-------------|-----------|
| Yeast Count | <10 CFU/g |
| Mold Count  | <10 CFU/g |

#### Preparatory Testing of Nutritional and Dietary Supplements \*

\* This analysis or component is not ISO accredited.

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| <b>Lot Number</b>          | B18000656                                 | <b>Login Date</b>        | 18-Mar-2019         |
| <b>Sample Serving Size</b> | 2 Softgel                                 |                          |                     |

| Analysis  | Result                   |
|---|--------------------------|
| <b>Preparatory Testing of Nutritional and Dietary Supplements *</b> |                          |
| E. coli Suitability Result  | Pass**                   |
| Salmonella Suitability Result                                       | Pass**                   |
| Yeast and Mold Suitability  | Pass**                   |
| Aerobic Plate Suitability Result                                    | Pass**                   |
| Staphylococcus Suitability Result                                   | Pass**                   |
| <b>Metals Analysis by ICP-MS</b>                                    |                          |
| Arsenic   | <0.198 ppm               |
| Cadmium   | <0.0495 ppm              |
| Lead  | <0.0495 ppm              |
| Mercury   | <0.0248 ppm              |
| <b>Appearance *</b>   |                          |
| Appearance  | Dark green, oval softgel |

| Method References   | Testing Location                         |
|---|--|
| <b>Aerobic Plate Count (USPC2021)</b><br>USP Current revision, Chapter 2021.<br>To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.<br>**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms. | <b>Food Integ. Innovation-Madison NE</b> |
| <b>Appearance (APPE)</b><br>The United States Pharmacopeia, Thirty Fourth Revision, 994, USP Convention, Inc., Rockville, MD (2011)(Modified).  | <b>Food Integrity Innovation-Madison</b> |
| <b>Calculated Sample Weight (PREP_BOU)</b>  | <b>Food Integrity Innovation-Boulder</b> |
| <b>Coliforms (Petrifilm) (COLIPET)</b><br>AOAC 989.10; AOAC 986.33  | <b>Food Integ. Innovation-Madison NE</b> |

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| Method References  | Testing Location                                |
|--|---|
| <p><b>E. coli (USPE2022)</b></p> <p>USP Current revision, Chapter 2022.</p> <p>To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.</p> <p>**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.</p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Industrial Hemp Cannabinoid Profile (IHCBD_S)</b></p> <p>Vaclavik, L., Benes, F., Krmela, A., Svobodova, V., Hajslova, J., Mastovska, K., "Quantification of Cannabinoids in Cannabis Dried Plant Materials and Concentrates Using Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection: A Single Laboratory Validation Study", submitted for AOAC SMPR 2017.001 and 2017.002.</p> | <p><b>Food Integrity Innovation-Boulder</b></p> |
| <p><b>Metals Analysis by ICP-MS (ICP_MS_B_S)</b></p> <p>Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.</p> <p>"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version.</p>  | <p><b>Food Integrity Innovation-Boulder</b></p> |
| <p><b>Preparatory Testing of Nutritional and Dietary Supplements (USPA_PT)</b></p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Preparatory Testing of Nutritional and Dietary Supplements (USPC_PT)</b></p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Preparatory Testing of Nutritional and Dietary Supplements (USPE_PT)</b></p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Preparatory Testing of Nutritional and Dietary Supplements (USPM_PT)</b></p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Preparatory Testing of Nutritional and Dietary Supplements (USPS_PT)</b></p>   | <p><b>Food Integ. Innovation-Madison NE</b></p> |
| <p><b>Salmonella USP (USPS2022)</b></p> <p>USP Current revision, Chapter 2022.</p> <p>To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.</p> <p>**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.</p>  | <p><b>Food Integ. Innovation-Madison NE</b></p> |

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**Method References****Testing Location****Staphylococcus (USPA2022)****Food Integ. Innovation-Madison NE**

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**

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-Boulder

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Ian Laessig - Manager



AT-1816

#### Food Integrity Innovation-Madison

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800-675-8375

Edward Ladwig - Director

#### Food Integ. Innovation-Madison NE

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Richard Higby - Director



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