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CERTIFICATE OF ANALYSIS No. 20241014-M4643

| Product Information |                                                    | Sample Information             |            |
|---------------------|----------------------------------------------------|--------------------------------|------------|
| Product Name:       | Cannabidiol (CBD) & Cannabinol (CBN) FS oil in MCT | Sample Received <sup>1</sup> : | 2024-10-14 |
| Product Type:       | Full Spectrum Oil                                  | Sample Condition:              | Suitable   |
| Product ID:         | E00229                                             | Analysis Completed:            | 2024-10-14 |
| Batch No.:          | Batch 1247                                         | Certificate Dated:             | 2024-10-14 |
| Manufacture Date:   | 2024-10-14                                         | Retest Interval:               | 18 months  |

RESULTS

| Parameter                     | Method            | Requirement/ Limits | Results                                                   | Compliant / Non-Compliant <sup>2</sup> |
|-------------------------------|-------------------|---------------------|-----------------------------------------------------------|----------------------------------------|
| Appearance                    | Visual inspection | N/A                 | Dark orange liquid oil                                    | N/A                                    |
| Smell                         | Sensory analysis  | N/A                 | Specific, characteristic smell                            | N/A                                    |
| Identification                | UV/Vis            | N/A                 | Retention time complies with Certified Reference Material | N/A                                    |
| Cannabidiol (CBD), %          | HPLC              | N/A                 | 10.51%                                                    | N/A                                    |
| Cannabinol (CBN), %           |                   | N/A                 | 10.26%                                                    | N/A                                    |
| Additional cannabinoids:      |                   |                     |                                                           | N/A                                    |
| CBG, %                        |                   | N/A                 | 0.42%                                                     | N/A                                    |
| CBC, %                        |                   | N/A                 | 0.51%                                                     | N/A                                    |
| CBDV, %                       |                   | N/A                 | 0.13%                                                     | N/A                                    |
| Total Tetrahydrocannabinol, % |                   | <0.20%              | 0.15%                                                     | N/A                                    |

OTHER COMPOUNDS

|          |      |     |       |     |
|----------|------|-----|-------|-----|
| CBDA, %  | HPLC | N/A | 0.05% | N/A |
| CBGA, %  |      | N/A | ND    | N/A |
| THCV, %  |      | N/A | ND    | N/A |
| CBL, %   |      | N/A | 0.12% | N/A |
| CBDVA, % |      | N/A | 0.03% | N/A |
|          |      |     |       |     |



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| Parameter              | Method          | Requirement/ Limits | Results | Compliant / Non-Compliant |
|------------------------|-----------------|---------------------|---------|---------------------------|
| Alpha-pinene, %        | GC-FID Terpenes | N/A                 | 0.327 % | N/A                       |
| Camphene, %            |                 | N/A                 | ND %    | N/A                       |
| (-)-beta-Pinene, %     |                 | N/A                 | 0.042 % | N/A                       |
| beta-Myrcene, %        |                 | N/A                 | 0.315 % | N/A                       |
| delta-3-carene, %      |                 | N/A                 | ND %    | N/A                       |
| alpha-Terpinene, %     |                 | N/A                 | ND %    | N/A                       |
| Limonene, %            |                 | N/A                 | 0.608 % | N/A                       |
| p-Cymene, %            |                 | N/A                 | ND %    | N/A                       |
| Ocimene, %             |                 | N/A                 | ND %    | N/A                       |
| gamma-Terpinene, %     |                 | N/A                 | 0.01 %  | N/A                       |
| Terpinolene, %         |                 | N/A                 | ND %    | N/A                       |
| Linalool, %            |                 | N/A                 | 0.096 % | N/A                       |
| (-)-Isopulegol, %      |                 | N/A                 | ND %    | N/A                       |
| Geraniol, %            |                 | N/A                 | ND %    | N/A                       |
| beta-Caryophyllene, %  |                 | N/A                 | 0.381 % | N/A                       |
| alpha-Humulene, %      |                 | N/A                 | ND %    | N/A                       |
| Nerolidol, %           |                 | N/A                 | ND %    | N/A                       |
| (-)-Guaiol, %          |                 | N/A                 | ND %    | N/A                       |
| (-)-alpha-Bisabolol, % |                 | N/A                 | ND %    | N/A                       |
| Nerol, %               |                 | N/A                 | ND %    | N/A                       |
| alpha-Phellandrene, %  |                 | N/A                 | 0.034 % | N/A                       |

THE END OF THE CERTIFICATE

Authorized by:

Quality Control Analyst

2024-10-14

Approved by:

Senior Quality Control Analyst

2024-10-14

<sup>1</sup> Samples were delivered by the Client.

<sup>2</sup> UAB Biosyyd applies the acceptance decision rule in accordance with ILAC-G8:09/2019: if measurement plus minus expanded measurement uncertainty meets specification requirements, the parameter is stated as compliant.

<sup>3</sup> Given expanded measurement uncertainty was estimated for the coverage factor  $k = 2$  at 95 % confidence level. Sampling uncertainty has not been taken into consideration.

<sup>4</sup> Test method is accredited.

<sup>5</sup> Test performed on Cannabis Sativa raw material in Third party laboratory.

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PRODUCT CONTAMINATION REPORT

| Product Information |                                                    | Sample Information             |            |
|---------------------|----------------------------------------------------|--------------------------------|------------|
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| Product ID:         | E00229                                             | Analysis Completed:            | 2024-10-14 |
| Batch No.:          | Batch 1247                                         | Certificate Dated:             | 2024-10-14 |
| Manufacture Date:   | 2024-10-14                                         | Retest Interval:               | 18 months  |

RESULTS

| Parameter                                                                                         | Method                                         | Requirement/ Limits                                   | Results                       | Compliant / Non-Compliant <sup>2</sup> |
|---------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-------------------------------|----------------------------------------|
| Residual Solvents:                                                                                |                                                |                                                       |                               |                                        |
| Ethanol                                                                                           | Gas Chromatography                             | ≤ 50 ppm                                              | ND                            | Compliant                              |
| n-Pentane                                                                                         | Gas Chromatography                             | ≤ 50 ppm                                              | ND                            | Compliant                              |
| 2-propanol                                                                                        | Gas Chromatography                             | ≤ 50 ppm                                              | ND                            | Compliant                              |
| n-Heptane                                                                                         | Gas Chromatography                             | ≤ 50 ppm                                              | ND                            | Compliant                              |
| Microbiological quality <sup>5</sup> :                                                            |                                                |                                                       |                               |                                        |
| Enumeration of mesophilic aerobic bacteria                                                        | PN-EN ISO 4833-1:2013-12                       | ≤ 10 <sup>5</sup> CFU/g                               | 4.0 · 10 <sup>1</sup> CFU/g   | Compliant                              |
| Enumeration of yeasts                                                                             | PN-ISO 21527-2:2009                            | ≤ 10 <sup>3</sup> CFU/g                               | < 1.0 · 10 <sup>1</sup> CFU/g | Compliant                              |
| Enumeration of moulds                                                                             | PN-ISO 21527-2:2009                            | ≤ 10 <sup>3</sup> CFU/g                               | < 1.0 · 10 <sup>1</sup> CFU/g | Compliant                              |
| Specified microorganisms:                                                                         |                                                |                                                       |                               |                                        |
| Enumeration of <i>Bacillus Cereus</i>                                                             | PN-EN ISO 7932:2005                            | ≤ 10 <sup>3</sup> CFU/g                               | < 1.0 · 10 <sup>1</sup> CFU/g | Compliant                              |
| Enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) | PN-EN ISO 6888-1:2001+A1:2004                  | ≤ 10 <sup>3</sup> CFU/g                               | < 1.0 · 10 <sup>1</sup> CFU/g | Compliant                              |
| Detection of <i>Salmonella</i> spp.                                                               | PN-EN ISO 6579-1:2017-04                       | Not Detected in 25 g                                  | Not Detected in 25 g          | Compliant                              |
| Pesticides <sup>5</sup> :                                                                         |                                                |                                                       |                               |                                        |
| Organochlorine pesticides                                                                         | LMBG-00.00-34:1999 (DFG S19) except section E9 | Limits of each Pesticides according to Ph. Eur 2.8.13 | < LOQ mg/kg                   | Compliant                              |
| Organophosphorus pesticides                                                                       |                                                |                                                       | < LOQ mg/kg                   | Compliant                              |
| Pyrethroids                                                                                       |                                                |                                                       | < LOQ mg/kg                   | Compliant                              |
| Propachlor                                                                                        |                                                | ≤ 0.1 mg/kg                                           | < LOQ mg/kg                   | Compliant                              |
| Aflatoxin B <sup>1</sup> <sup>5</sup>                                                             | AFL/01/2012/1                                  | ≤ 5 µg/kg                                             | < 1.0 µg/kg                   | Compliant                              |
| Aflatoxin (sum um or R1+R2+G1+G2) <sup>5</sup>                                                    | AFL/01/2012/1                                  | ≤ 10 µg/kg                                            | < LOQ µg/kg                   | Compliant                              |
| Ochratoxin A <sup>5</sup>                                                                         | PB-456 ed. I of 15.10.2021                     | ≤ 10 µg/kg                                            | < 0.25 µg/kg                  | Compliant                              |
| Heavy metals <sup>5</sup> :                                                                       |                                                |                                                       |                               |                                        |
| Arsenic                                                                                           | PN-EN 15763:2010                               | ≤ 1.0 mg/kg                                           | 0.13 ± 0.02 mg/kg             | Compliant                              |
| Cadmium                                                                                           | PN-EN 15763:2010                               | ≤ 0.4 mg/kg                                           | 0.018 ± 0.004 mg/kg           | Compliant                              |
| Lead                                                                                              | PN-EN 15763:2010                               | ≤ 1.0 mg/kg                                           | 0.39 ± 0.10 mg/kg             | Compliant                              |
| Mercury                                                                                           | PN-EN 15763:2010                               | ≤ 0.2 mg/kg                                           | 0.012 ± 0.002 mg/kg           | Compliant                              |

<sup>5</sup> Tested in third part laboratory

We declare that this product is free from microbiological and chemical contaminants including residual solvents, microbiological contamination, pesticides, aflatoxins and heavy metals. We ensure this by performing testing on all raw materials used and periodical testing on final products for self control. This report is applicable only to the batch that is written on report. This report cannot be reproduced partially without a prior written consent of UAB Biosyyd, and is restricted exclusively to the results and statements presented in the original copy of the Report.