अनुसंधान ANUSANDHAN
(Quick Servicing System)

**Anusandhan Analytical & Biochemical Research Laboratory Pvt. Ltd.**
Lab : 68, Industrial Area, RAU CAT Road, INDORE 453 331 (M.P.)
Email : lab@anusandhan-labs.com PHONE : +91 7770 8222 13

# Certificate of Analysis

## Analytical Licence No. 48/04/2005

Certificate no. : ANU/GP/002/100921

| | | | | | |
|---|---|---|---|---|---|
| Manufacturer/Party | CANNABLITHE DEVELOPMENT LLP DELHI<br>Add. F-32 Ashok Vihar-1 Delhi | | | | |
| Sample Name | Cannablithe oil (Mint Flavor) | | | | |
| Batch No. | CBM1 | Batch size | NA | Sample Qty. | 1 X 30 ML |
| Received Date | 10/09/2021 | Mfg.Date | 08/2021 | Exp. Date | 07/2023 |
| Reference no. | NM | Reference date | NM | Lic. No. | MP25D/18/605 |
| Protocol of test applied | IN HOUSE SPECIFICATION | Date of Analysis | 10/09/2021 | Date of Completion | 18/09/2021 |
| Condition: | NA | | Station | NA | |

| S. ro. | Test | Result | Method |
|---|---|---|---|
| 1 | **Sensory** | | |
| (1) | Appearance | Dark Green Coloured liquid | ---------- |
| (2) | Taste | Tasteless | ---------- |
| (3) | Odour | Characteristic odour | ---------- |
| | **Physical and chemical parameters** | | |
| (1) | pH | 6.64 | ---------- |
| (2) | Refractive index @20° C | 1.496 | 1.4600 – 1.5450 |
| (3) | Specific Gravity at 20 | 0.9345 | NLT 0.900 |
| (4) | Saponification Value | 183 | 160 - 220 |
| (5) | Acid value | 1.5 | NMT 5.0 |
| (6) | Loss on drying at 110°C | 0.38% | NMT 1.0% |
| (7) | Iodine Value | 140 | 100 – 200 |
| (8) | Rancidity test | Complies | ---------- |
| (9) | Viscosity | 62 cps | ---------- |
| (10) | Identification | For- Vijaya Extract - Positive<br>For - Medium chain Triglycaaide-Positive<br>For - Peppermint oil – Positive | By HPLC<br>By GC<br>By GC |

Date: 18/09/2021

Administrator

ANUSANDHAN LABS RAU

Signature of person-in-charge in testing

अनुसंधान
ANUSANDHAN
(Quick Servicing System)

**Anusandhan Analytical & Biochemical Research Laboratory Pvt. Ltd.**
Lab : 68, Industrial Area, RAU CAT Road, INDORE 453 331 (M.P.)
Email : lab@anusandhan-labs.com PHONE : +91 7770 8222 13

# Certificate of Analysis

**Analytical Licence No. 48/04/2005**

Certificate no. : ANU/GP/002/100921

| | | | |
|---|---|---|---|
| | **Nutrition value** | | |
| (1) | Fat | 78.1% | ---------- |
| (2) | Protein | 2.4% | ---------- |
| (3) | Energy | 792 | ---------- |
| | **Heavy Metals** | | |
| (1) | Lead | 0.9 ppm | NMT 10 ppm |
| (2) | Cadmium | 0.1 ppm | NMT 0.3 ppm |
| (3) | Mercury | 0.6 ppm | NMT 1.0 ppm |
| (4) | Arsenic | 0.7 ppm | NMT 3.0 ppm |
| | **Microbiology** | | |
| (1) | Total Plate Count | 20 X $10^2$ | NMT 10 X $10^4$ Cfu/ml |
| (2) | Yeast and mold | Less than 10 Cfu/ml | NMT 1000 Cfu/ml |
| (3) | Coliforms | Absent | Should be Absent |
| (4) | Salmonella | Absent | Should be Absent |
| (5) | E.coli | Absent | Should be Absent |
| (6) | Enterobacteriaceae | Absent | Should be Absent |
| (7) | S. aureus | Absent | Should be Absent |
| (8) | Pseudomonas | Absent | Should be Absent |
| | **Test for Aflatoxins -** | | |
| 1 | B1 | Less than 0.5 ppm (By FLD Detector) | NMT 0.5 ppm |
| 2 | B2 | Less than 0.5 ppm (By FLD Detector) | NMT 0.5 ppm |
| 3 | G1 | Less than 0.1 ppm (By FLD Detector) | NMT 0.1 ppm |
| 4 | G2 | Less than 0.1 ppm (By FLD Detector) | NMT 0.1 ppm |
| | | | |

---------- End of Report----------

अनुसंधान ANUSANDHAN (Quick Servicing System)

Date: 18/09/2021

Administrator

ANUSANDHAN LABS

Signature of person-in-charge in testing