

## Certificate of Analysis

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

Certificate no. : ANU/GP/003/230221


Manufacturer/Party	Anant Hemp Works LLP Chhindwara Add. Ward no. 2 Complex Industrial Area, Shikshak Colony, Khajri, Chhindwara				
Sample Name	CANNA EASE (Pain Management OIL) Peppermint oil				
Batch No.	AHW-01	Batch size	NA	Sample Qty.	4 X 30 ml
Received Date	23/02/2021	Mfg. Date	01/2021	Exp. Date	12/2021
Reference no.	NM	Reference date	28/02/2021	Lic. No.	MP25E/21/841
Protocol of test applied	IN HOUSE SPECIFICATION	Date of Analysis	23/02/2021	Date of Completion	28/02/2021
Condition:	NA	Station	NA		

S. ro.	Test	Result	Method
(1)	Appearance	Dark Green Coloured liquid	In-house
(2)	Odour	Characteristic odour of peppermint oil	In-house
(3)	pH	5.57	In-house
(4)	Specific Gravity at 20	0.9192	NLT 0.900
(5)	Refractive index at 25°C	1.481	1.4600 – 1.5450
(6)	Iodine value	145	100 - 200
(7)	Saponification value	188	160 - 220
(8)	Acid Value	0.92	NMT 5.0
(9)	Loss on drying at 110°C	0.09	NMT 1.0%
(10)	Identifications - TLC / HPTLC / GLC	For Vijaya extract -Positive For Hemp seed oil- Positive For Peppermint oil-Positive	By HPLC By GC By GC
<b>Nutrition value</b>			
(1)	Fat	86.5%	-----
(2)	Protein	1.4	-----
(3)	Energy	846	-----

Date: 01/03/2021

  
Administrator



  
Signature of person-in-charge in testing

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<b>Heavy Metals</b>			
(1)	Lead	1.7 ppm	By AAS-USP
(2)	Cadmium	0.09 ppm	By AAS-USP
(3)	Mercury	0.07 ppm	By AAS-USP
(4)	Arsenic	0.34 ppm	By AAS-USP
<b>Microbial Contamination</b>			
1	Total bacterial count	34X10 <sup>2</sup>	As per USP
2	Total fungal count	Less than 10 cfu	As per USP
<b>Tests for specific pathogen</b>			
3	E.coli	Absent	As per USP
4	Salmonella spp.	Absent	As per USP
5	S. Aureus	Absent	As per USP
6	Pseudomonas aeruginosa	Absent	As per USP
<b>Pesticide Residue</b>			
1	Organochlorine pesticides	Not detected	By GCMS
2	Organophosphorus pesticides	Not detected	By GCMS
3	Pyrethroids	Not detected	By GCMS
<b>Test for Aflatoxins -</b>			
1	B1	Less than 0.5 ppm	By FLD Detector
2	B2	Less than 0.1 ppm	By FLD Detector
3	G1	Less than 0.5 ppm	By FLD Detector
4	G2	Less than 0.1 ppm	By FLD Detector
----- End of Report-----			

Date: 01/03/2021

  
Administrator



Signature of person-in-charge in testing