

Certificate of Analysis

Analytical Licence No. 48/04/2005

Certificate no. : ANU/GP/003/290721

Manufacturer/Party		Ananta Hemp Works LLP New-Delhi Add. E-168/169/, Basement Amar Colony Lajpat Nagar IV, New Delhi-110024			
Sample Name		CANNA EASE SLEEP WELL OIL WITH STRAWBERRY			
Batch No.	AHW-02	Batch size	NA	Sample Qty.	2 X 30 ml
Received Date	29/07/2021	Mfg.Date	04/2021	Exp. Date	03/2022
Reference no.	NM	Reference date	29/07/2021	Lic. No.	MP25E/21/841
Protocol of test applied	IN HOUSE SPECIFICATION	Date of Analysis	29/07/2021	Date of Completion	05/08/2021
Condition:	NA	Station	NA		
S. ro.	Test	Result	Limit		
(1)	Appearance	Greenish yellow coloured oil liquid	-----		
(2)	Odour	Characteristic odour of strawberry	-----		
(3)	pH	6.56	-----		
(4)	Specific Gravity at 20	0.9258	NLT 0.900		
(5)	Refractive index at 25°C	1.487	1.4600 – 1.5450		
(6)	Iodine value	152	100 - 200		
(7)	Saponification value	180	160 - 220		
(8)	Acid Value	1.0	NMT 5.0		
(9)	Loss on drying at 110°C	0.30%	NMT 1.0%		
(10)	Identifications - TLC / HPTLC / GLC	For Vijaya extract -Positive (By HPLC) For Hemp seed oil- Positive (By GC)	Should be Positive for Vijaya extract and Hemp seed oil		
Nutrition value					
(1)	Fat	82.4%	-----		
(2)	Protein	2.1	-----		
(3)	Energy	864	-----		

Date: 05/08/2021

Administrator



Signature of person-in-charge in testing

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Heavy Metals			
(1)	Lead	1.2 ppm	NMT 10 ppm
(2)	Cadmium	0.04 ppm	NMT 01 ppm
(3)	Mercury	0.2 ppm	NMT 03 ppm
(4)	Arsenic	0.02 ppm	NMT 0.3 ppm
Microbial Contamination			
1	Total bacterial count	28X10 ²	NMT 10 X 10 ⁴ CfU/ml
2	Total fungal count	Less than 10 cfu	NMT 1000 CfU/ml
Tests for specific pathogen			
3	E.coli	Absent	Should be Absent
4	Salmonella spp.	Absent	Should be Absent
5	S. Aureus	Absent	Should be Absent
6	Pseudomonas aeruginosa	Absent	Should be Absent
Pesticide Residue			
1	Organochlorine pesticides	Not detected (By GCMS)	NMT 1.0 ppm
2	Organophosphorus pesticides	Not detected (By GCMS)	NMT 1.0 ppm
3	Pyrethroids	Not detected (By GCMS)	NMT 1.0 ppm
Test for Aflatoxins -			
1	B1	Less than 0.5 ppm (By FLD Detector)	NMT 0.5 ppm
2	B2	Less than 0.1 ppm (By FLD Detector)	NMT 0.5 ppm
3	G1	Less than 0.5 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-----			

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