

**Certificate of Analysis**

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

Certificate no. : ANU/GP/027/060122

Manufacturer/Party	<b>Innovations (India) Inc, Delhi</b> Add. A323 Second floor shalimar Village Delhi				
Sample Name	Zero CBD-CBD Melatonin Sleep Tincture 2000 mg CBD + 180 mg Melatonin Tincture)				
Batch No.	01/2022/85019	Batch size	46 X 30 ml	Sample Qty.	1 X 30 ML
Received Date	06/01/2022	Mfg.Date	01/2022	Exp. Date	02/2024
Reference no.	NM	Reference date	NM	Lic. No.	NM
Protocol of test applied	IN HOUSE SPECIFICATION	Date of Analysis	09/01/2022	Date of Completion	16/01/2022
Condition:	NA	Station	NA		

S. ro.	Test	Result	Method
1	<b>Sensory</b>		
(1)	Appearance	White oily suspension	-----
(2)	Taste	Sweet	-----
(3)	Odour	Characteristic odour	-----
	<b>Physical and chemical parameters</b>		
(1)	pH	5.70	-----
(2)	Refractive index @20° C	1.465	1.4600 – 1.5450
(3)	Specific Gravity at 20	0.9738	NLT 0.900
(4)	Saponification Value	184	160 - 220
(5)	Acid value	2.0	NMT 5.0
(6)	Loss on drying at 110°C	0.29%	NMT 1.0%
(7)	Iodine Value	138	100 – 200
(8)	Rancidity test	Complies	-----
(9)	Viscosity	67 cps	-----

Date: 16/01/2022

Administrator



Signature of person-in-charge in testing

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Nutrition value			
(1)	Fat	0.97%	-----
(2)	Protein	Not detected	-----
(3)	Energy	256	-----
Heavy Metals			
(1)	Lead	1.32 ppm	NMT 10 ppm
(2)	Cadmium	0.03 ppm	NMT 0.3 ppm
(3)	Mercury	0.20 ppm	NMT 1.0 ppm
(4)	Arsenic	0.62 ppm	NMT 3.0 ppm
Microbiology			
(1)	Total Plate Count	18 X 10 <sup>2</sup>	NMT 10 X 10 <sup>4</sup> 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
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
----- End of Report-----			

Date: 16/01/2022

Administrator

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