

**Certificate of Analysis**

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

Certificate no. : ANU/GP/001/090122

Manufacturer/Party	Whole leaf Organics Pvt. Ltd. Add. M-075 G/F Vill Road Mangla Puri new Delhi-110030 India				
Sample Name	Wholeleaf Relief Medium Strength Fennel and Mint flavour				
Batch No.	MF002	Batch size	300 units	Sample Qty.	2 X 30 ml
Received Date	09/01/2022	Mfg.Date	01/2022	Exp. Date	12/2022
Reference no.	NM	Reference date	NM	Lic. No.	MP25E/21/854
Protocol of test applied	IN HOUSE SPECIFICATION	Date of Analysis	09/01/2022	Date of Completion	18/01/2022
Condition:	NA	Station	NA		

S. ro.	Test	Result	Limit
(1)	Appearance	Greenish yellow coloured oily liquid	-----
(2)	Odour	Characteristic odour	-----
(3)	pH	5.74	-----
(4)	Specific Gravity at 20	0.9358	NLT 0.900
(5)	Refractive index at 25°C	1.486	1.4600 – 1.5450
(6)	Iodine value	175	100 - 200
(7)	Saponification value	180	160 - 220
(8)	Acid Value	2.5	NMT 5.0
(9)	Loss on drying at 110°C	0.31%	NMT 1.0%
(10)	Viscosity	62 cps	-----
(11)	Identifications - TLC / HPTLC / GLC	For Vijaya extract -Positive For Fennel oil – Positive For Peppermint Oil – Positive	By HPLC By GC By GC
	<b>Microbiology</b>		
(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

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

Date: 18/01/2022

Administrator

Signature of person-in-charge in testing

