



Ayuroma Centre

# Ayuroma Centre

Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Alfa Alfa Dry Extract	<b>Batch No.</b>	2442062410
<b>Botanical Name</b>	<i>Medicago sativa</i>	<b>Mfg. Date</b>	JUN 2024
<b>Part Used</b>	Dried Roots	<b>Exp. Date</b>	MAY 2027

S. N.	TEST PARAMETERS	RESULTS	SPECIFICATION	METHODS
<b>A</b>	<b>PHYSICO CHEMICAL TESTS</b>			
1	Description	Light to Dark Brownish Colored Powder	Light to Dark Brownish Colored Powder	Organoleptic
2	Color	Light to Dark Brownish	Light to Dark Brownish	Organoleptic
3	Taste	Complies	Characteristic	Organoleptic
4	Odor	Complies	Characteristic	Organoleptic
5	Identification test by TLC Method	Complies	Positive	By TLC
6	pH (1% w/v of aq. Solution)	4.98	4.0 – 7.0	API
7	Moisture Content (By Oven Method)	2.90% w/w	NMT- 10.0% w/w	API
8	Water Solubility	93.08% w/w	NLT – 80.00% w/w	API
9	Bulk Density	0.559 gm/ml	NLT – 0.500 gm/ml	API
10	Tapped Density (After 50 Taps)	0.740 gm/ml	NLT – 0.600 gm/ml	API
11	Total Ash Content at 600°C	2.10% w/w	NMT- 20.0% w/w	API
12	Particle Size pass through 40 mesh	94.20% w/w	NLT – 90.00% w/w	API
<b>B</b>	<b>ACTIVE INGREDIENTS/ASSAY</b>			
13	Total Glycoside Content	5.10% w/w	NLT- 5.0% w/w	By Gravimetric
<b>C</b>	<b>HEAVY METALS</b>	<b>Complies</b>	<b>NMT – 10.0 ppm</b>	<b>By ICP-MS</b>
14	Lead	1.28 ppm	NMT – 3.0 ppm	By ICP-MS
15	Arsenic	0.48 ppm	NMT – 2.0 ppm	By ICP-MS
16	Mercury	Not Detected	NMT – 1.0 ppm	By ICP-MS
17	Cadmium	Not Detected	NMT – 0.1 ppm	By ICP-MS
<b>D</b>	<b>MICROBIOLOGICAL TEST</b>			
18	Total Plate Count	228cfu/gm	NMT – 1000cfu/gm	USP<2021>
19	Total Yeast & Moulds	26cfu/gm	NMT – 100cfu/gm	USP<2021>
20	Escherichia coli	Absent	Absent	USP<2022>
21	Salmonella	Absent	Absent	USP<2022>
22	Total Coliforms	Absent	Absent	USP<2022>

- 1- Three years in original packed condition from the date of manufacturing.
- 2- Store at cool, dry place away from direct sunlight & moisture.
- 3- The material shall be fit for human consumption & complies with prescribed standard.



Kalpna

(Dr. Kalpana Katiyar)  
Head, ATRIC

**H. O. :** 116/317, Adarsh Nagar Rawatpur Gaon Kanpur 208019 India  
**Mobile :** + 91 9415050346 , + 91 9335662851, +91-9451467326  
**Email :** [ayuroma07@gmail.com](mailto:ayuroma07@gmail.com) , [marketing@ayuromacentre.com](mailto:marketing@ayuromacentre.com) ,  
**Website :** [www.ayuromacentre.com](http://www.ayuromacentre.com).

