



Ayuroma Centre

# Ayuroma Centre

Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

## CERTIFICATE OF ANALYSIS

|                       |                      |                  |            |
|-----------------------|----------------------|------------------|------------|
| <b>Product Name</b>   | Ashoka Dry Extract   | <b>Batch No.</b> | 2442062415 |
| <b>Botanical Name</b> | <i>Saraca indica</i> | <b>Mfg. Date</b> | JUN 2024   |
| <b>Part Used</b>      | Dried Barks          | <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)        | 4.88                                  | 4.0-7.0                               | API          |
| 7        | Moisture Content (By Oven Method)  | 3.42% w/w                             | NMT- 10.0% w/w                        | API          |
| 8        | Water Solubility (50% w/v)         | 94.81% w/w                            | NLT – 80.00% w/w                      | API          |
| 9        | Bulk Density                       | 0.580 gm/ml                           | NLT – 0.500 gm/ml                     | API          |
| 10       | Tapped Density (After 50 Taps)     | 0.707 gm/ml                           | NLT – 0.600 gm/ml                     | API          |
| 11       | Total Ash Content at 600°C         | 2.18% w/w                             | NMT- 20.0% w/w                        | API          |
| 12       | Particle Size pass through 40 mesh | 95.84% w/w                            | NLT – 90.00% w/w                      | API          |
| <b>B</b> | <b>ACTIVE INGREDIENTS/ASSAY</b>    |                                       |                                       |              |
| 13       | Tannin Content                     | 10.42% w/w                            | NLT- 10.00% w/w                       | By Titration |
| <b>C</b> | <b>HEAVY METALS</b>                | Complies                              | NMT – 10.0 ppm                        | By ICP-MS    |
| 14       | Lead                               | 1.28 ppm                              | NMT – 3.0 ppm                         | By ICP-MS    |
| 15       | Arsenic                            | 0.68 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> |                                    |                                       |                                       |              |
| 18       | Total Plate Count                  | 230cfu/gm                             | NMT – 1000cfu/gm                      | USP<2021>    |
| 19       | Total Yeast & Molds                | 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

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Head, ATRIC



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