



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

|                  |                            |
|------------------|----------------------------|
| ENQUIRY REF. No. | KAPL/PRA/AY/DH/073/ 2403   |
| DATE             | 12/02/2025                 |
| DUE DATE         | 15/02/2025 UP TO 23.59 HRS |

Dear Sir,

Please submit your lowest and competitive offer in an SEALED ENVELOPE, DULY SUPERSCRIBING OUR ABOVE ENQUIRY REF NO, DATE and DUE DATE on it/ OR MAIL, with other details of F.O.R terms, Taxes, Credit period, Delivery offered, Name of the Make, Detailed Specification etc. for the below materials.

| SL NO | ITEM CODE | ITEM DESCRIPTION                                | UOM | QTY |
|-------|-----------|-------------------------------------------------|-----|-----|
| 01    | 1AY0009   | GLYCYRRHIZA GLABRA, TP 3:1 (YASHTIMADHU) STOLON | KGS | 100 |
| 02    | 1AY1114   | NIRGUNDI(VITEX NEGUNDO) SOFT EXTRACT 5:1        | KGS | 25  |
| 03    | 1AY1115   | SALLAKI (BOSWELIA SERRATA) SOFT EXTRACT 3:1     | KGS | 50  |

**NOTE:** PLEASE QUOTE AS PER OUR SPECIFICATION ATTACHED.

**OTHER TERMS:**

- |                                  |                                            |
|----------------------------------|--------------------------------------------|
| 1. F.O.R TERMS                   | : DOOR DELIVERY AT DHARWAD PLANT KARNATAKA |
| 2. GST%                          | : PLEASE SPECIFY                           |
| 3. PACKING & FORWARDING CHARGES: | NOT APPLICABLE                             |
| 4. CREDIT PERIOD                 | : 90 DAYS REQUESTED                        |
| 5. DELIVERY OFFERED              |                                            |

INCASE YOU ARE UNABLE TO QUOTE, PLEASE SEND A REGRET LETTER.

**For KARNATAKA ANTIBIOTICS  
& PHARMACEUTICALS LIMITED**

**AUTHORISED SIGNATORY  
PURCHASE DEPT.**

## KARNATAKA ANTIBIOTICS &amp; PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.

AYUR/EX/040-02

Supersedes No.

AYUR/EX/040-01

Compendia

API/IHS

Review Date

16 JAN 2026

## AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Yashtimadhu – *Glycyrrhiza glabra*(Rt.)(St.) – Thick  
Paste Extract 3:1

ITEM CODE: 1AY0009

| SL.NO. | TEST PARAMETERS               | SPECIFICATION                                                               | TEST REFERENCE        |
|--------|-------------------------------|-----------------------------------------------------------------------------|-----------------------|
| 1      | Description                   | Dark brown coloured thick paste with characteristic odour & sweet in taste. | Visual & Organoleptic |
| 2      | Solvent used for extraction   | Aqueous                                                                     |                       |
| 3      | pH(1% Aqueous Solution)       | 5.5 – 6.5                                                                   | API Part I Vol IX     |
| 4      | Total Ash                     | NMT 10.0%                                                                   | API Part I Vol IX     |
| 5      | Acid insoluble Ash            | NMT 0.5%                                                                    | API Part I Vol IX     |
| 6      | Total soluble solids          | NLT 90.0%                                                                   | API Part I Vol IX     |
| 7      | Identification Test - TLC     | Complies as per API                                                         | API Part I Vol VIII   |
| 8      | Assay –Glycyrrhizin by HPLC   | NLT 2.0%                                                                    | API Part I Vol VIII   |
| 9      | HEAVY METALS                  |                                                                             |                       |
|        | Arsenic                       | NMT 3.0 ppm.                                                                | API Part I Vol IX     |
|        | Cadmium                       | NMT 0.3 ppm.                                                                |                       |
|        | Lead                          | NMT 10.0 ppm.                                                               |                       |
|        | Mercury                       | NMT 1.0 ppm.                                                                |                       |
| 10     | MICROBIOLOGICAL ANALYSIS      |                                                                             |                       |
|        | Total Aerobic Microbial Count | NMT 10 <sup>5</sup> cfu/gm                                                  | API Part I Vol IX     |
|        | Total Yeast & Mould Count     | NMT 10 <sup>3</sup> cfu/gm                                                  |                       |
|        | E.Coli                        | Absent/gm                                                                   |                       |
|        | Salmonella                    | Absent/gm                                                                   |                       |
|        | Pseudomonas aeruginosa        | Absent/gm                                                                   |                       |
|        | Staphylococcus aureus         | Absent/gm                                                                   |                       |

|                                 |                                                    |                                                 |                                                 |
|---------------------------------|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Effective Date :<br>17 JAN 2024 | Prepared by:<br>QC (Analyst)<br>Mr.Sangameshwar K. | Checked by:<br>M (Ayush)<br>Dr.Praveen Kulkarni | Approved by:<br>Sr.M (Ayush)<br>Dr.Nilesh Gawas |
| Date & sign:                    | <br>16/01/2024                                     | <br>16/01/2024                                  | <br>16/01/2024                                  |

**\* KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD**



**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/145-01

Supersedes No.

AYUR/EX/145-00

Compendia

API/IHS

Review Date

22 JAN 2026

**AYURVEDIC RAW MATERIAL SPECIFICATION**

**Material Name:** Nirgundi – *Vitex negundo*(Lf.) – Soft Extract 5:1

**ITEM CODE:** 1AY1114

| SL.NO. | TEST PARAMETERS                 | SPECIFICATION                                                                                       | TEST REFERENCE        |
|--------|---------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------|
| 1      | Description                     | Light brown to brown coloured soft extract with characteristic odour, astringent & bitter in taste. | Visual & Organoleptic |
| 2      | Solvent used for extraction     | Aqueous                                                                                             |                       |
| 3      | pH(1% Aqueous Solution)         | 4.0 – 6.0                                                                                           | API Part I Vol IX     |
| 4      | Total Ash                       | NMT 15.0%                                                                                           | API Part I Vol IX     |
| 5      | Acid Insoluble Ash              | NMT 3.0%                                                                                            | API Part I Vol IX     |
| 6      | Total Soluble Solids            | NLT 90.0%                                                                                           | API Part I Vol IX     |
| 7      | Identification Test - TLC       | Complies as per API                                                                                 | API Part I Vol IX     |
| 8      | Assay - Alkaloids by Gravimetry | NLT 0.15%                                                                                           | IHS                   |
| 9      | <b>MICROBIOLOGICAL ANALYSIS</b> |                                                                                                     |                       |
|        | Total Aerobic Microbial Count   | NMT 10 <sup>5</sup> cfu/gm                                                                          | API Part I Vol IX     |
|        | Total Yeast & Mould Count       | NMT 10 <sup>3</sup> cfu/gm                                                                          |                       |
|        | E.Coli                          | Absent/gm                                                                                           |                       |
|        | Salmonella                      | Absent/gm                                                                                           |                       |
|        | Pseudomonas aeruginosa          | Absent/gm                                                                                           |                       |
|        | Staphylococcus aureus           | Absent/gm                                                                                           |                       |

|                                        |                                                           |                                                        |                                                        |
|----------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| <b>Effective Date :</b><br>23 JAN 2024 | <b>Prepared by:</b><br>QC (Analyst)<br>Mr.Sangameshwar K. | <b>Checked by:</b><br>M (Ayush)<br>Dr.Praveen Kulkarni | <b>Approved by:</b><br>Sr.M (Ayush)<br>Dr.Nilesh Gawas |
| <b>Date &amp; sign:</b>                |                                                           |                                                        |                                                        |

MASTER COPY

## KARNATAKA ANTIBIOTICS &amp; PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No. AYUR/EX/146-01

Supersedes No. AYUR/EX/146-00

Compendia API/IHS

Review Date

22 JAN 2026

## AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Sallaki – *Boswellia serrata*(Exd.) – Soft Extract 3:1 ITEM CODE: 1AY1115

| SL.NO. | TEST PARAMETERS                     | SPECIFICATION                                                                         | TEST REFERENCE        |
|--------|-------------------------------------|---------------------------------------------------------------------------------------|-----------------------|
| 1      | Description                         | Off white to cream coloured soft extract with characteristic odour & bitter in taste. | Visual & Organoleptic |
| 2      | Solvent used for extraction         | Hydroalcoholic                                                                        | -                     |
| 3      | pH(1% Aqueous Solution)             | 3.5 – 5.5                                                                             | API Part I Vol IX     |
| 4      | Total Ash                           | NMT 4.0%                                                                              | API Part I Vol IX     |
| 5      | Acid insoluble Ash                  | NMT 1.0%                                                                              | API Part I Vol IX     |
| 6      | Total soluble solids                | NLT 70.0%                                                                             | API Part I Vol IX     |
| 7      | Identification Test - TLC           | Complies as per API                                                                   | API Part I Vol IX     |
| 8      | Assay - Boswellic Acid by Titration | NLT 3.0%                                                                              | IHS                   |
| 9      | MICROBIOLOGICAL ANALYSIS            |                                                                                       |                       |
|        | Total Aerobic Microbial Count       | NMT $10^5$ cfu/gm                                                                     | API Part I Vol IX     |
|        | Total Yeast & Mould Count           | NMT $10^3$ cfu/gm                                                                     |                       |
|        | E.Coli                              | Absent/gm                                                                             |                       |
|        | Salmonella                          | Absent/gm                                                                             |                       |
|        | Pseudomonas aeruginosa              | Absent/gm                                                                             |                       |
|        | Staphylococcus aureus               | Absent/gm                                                                             |                       |

|                                 |                                                    |                                                 |                                                 |
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| Date & sign:                    | <br>22/01/2024                                     | <br>22/01/2024                                  | <br>22/01/24                                    |