



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/0406
DATE	10/06/2025
DUE DATE	12/06/2025 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	200
02	1AY0010	HOLARRHENA ANTIDYSENTERICA TP(KUTAJA) 7:1 BARK	KGS	25
03	1AY0012	MYRISTICA FRAGRANS, TP 25:1 (JATIPHALA) FRUIT	KGS	25
04	1AY1002	AEGLE MARMELOS, DP 4:1 (BILVA, BAEL) UNRIPE FRUIT	KGS	50
05	1AY1006	CUMINUM CYMINUM, DP 8:1 (JEERAKA) SEED	KGS	50
06	1AY1010	HOLARRHENA ANTIDYSENTERICA, DP 4% (KUTAJA) BARK	KGS	100
07	1AY1012	MYRISTICA FRAGRANS, DP 12:1 (JATIPHALA) SEED	KGS	30
08	1AY1017	PUNICA GRANATUM, DP 5:1 (DADIMA) RIND OF FRUIT	KGS	30
09	1AY1062	RASNA (ALPINIA GALANGA) DP 10:1 ROOT	KGS	30

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 | |

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

For KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED

AUTHORISED SIGNATORY
PURCHASE DEPT.

KARNATAKA ANTIBIOTICS & 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 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	

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

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/041-02
Supersedes No.	AYUR/EX/041-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Kutaja – <i>Holarrhena antidysenterica</i>(St.Bk) - Thick Paste Extract 7:1	ITEM CODE: 1AY0010
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark Brown colour thick paste with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
4	Total Ash	NMT 5.0%	API Part I Vol IX
5	Acid Insoluble Ash	NMT 1.0%	API Part I Vol IX
6	Total Soluble Solids	NLT 90.0%	API Part I Vol IX
7	Identification Test - TLC	Complies as per TLC Atlas	TLC Atlas Part I Vol I
8	Assay - Total Alkaloids by Gravimetry	NLT 1.0%	IHS
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 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	

Effective Date : 17 JAN 2024	Prepared by: QC (Analyst) Mr.Sangameshwar K.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	<i>Sangameshwar</i> 16/01/2024	<i>Praveen Kulkarni</i> 16/01/2024	<i>Nilesh Gawas</i> 16/01/24

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.	AYUR/EX/043-02
Supersedes No.	AYUR/EX/043-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Jatiphala – <i>Myristica fragrans</i> (Sd.) – Thick Paste Extract 25:1	ITEM CODE: 1AY0012
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colour thick paste with characteristic odour , pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	
3	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
4	Total Ash	NMT 7.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 3.0%	API Part I Vol IX
6	Total soluble solids	NLT 80.0%	API Part I Vol IX
7	Identification Test - TLC	Complies as per TLC Atlas	TLC Atlas Part I Vol I
8	Assay - Volatile Oil	NLT 0.50%	API Part I Vol IX
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 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	

Effective Date : 17 JAN 2024	Prepared by: QC (Analyst) Mr.Sangameshwar K.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 16/01/2024	 16/01/2024	 16/01/24

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/013-02

Supersedes

AYUR/EX/013-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material
Name:

Bilva – *Aegle marmelos* (U.r.f) - Dry Powder *
Extract 4:1

ITEM CODE: 1AY1002

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Yellowish brown coloured powder with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105 ^o C	NMT 5.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 5.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 1.0%	API Part I Vol IX
7	Total Soluble Solids	NLT 80.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per TLC Atlas	TLC Atlas Part I Vol I
9	Assay (Tannins) by Titration	NLT 7.50%	IHS
10	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.	
11	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	

Effective Date : 16 JAN 2024	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 16/01/2024	 16/01/2024	 16/01/2024

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/014-02

Supersedes No.

AYUR/EX/014-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Jeeraka - *Cuminum cyminum* (Fr.) - Dry Powder Extract 8:1 ITEM CODE: 1AY1006

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colored powder with characteristic odour & pungent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	
3	Loss on drying at 105 ^o C	NMT 5.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 5.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 1.0%	API Part I Vol IX
7	Alcohol Soluble Extractive	NLT 7.0%	API Part I Vol IX
8	Total Soluble Solids	NLT 80.0%	API Part I Vol IX
9	Identification Test -TLC	Complies as per TLC Atlas	TLC Atlas Part I Vo I
10	Assay - Volatile Oil	NLT 1.0%	API Part I Vol IX
11	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.	
12	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	

Effective Date : 16 JAN 2024	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr. Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr. Nilesh Gawas
Date & sign:	 16/01/2024	 16/01/2024	 16/01/2024

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/012-02

Suersedes No.

AYUR/EX/012-01

Compendia

API/IHS

Review Date

15 JAN 2024

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Kutaja – *Holarrhena antidysenterica*(St.Bk) -
Dry Powder Extract

ITEM CODE: 1AY1010

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark Brown coloured powder with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous.	-
3	Loss on drying at 105 ^o C	NMT 5.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 5.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 1.0%	API Part I Vol IX
7	Total Soluble Solids	NLT 90.0%	API Part I Vol IX
8	Identification - TLC	Complies as per TLC Atlas	Atlas Part I Vol I
9	Assay - Total Alkaloids by gravimetric method	NLT 2.0%	IHS
10	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.	
11	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	

Effective Date : 16 JAN 2024	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 16/01/2024	 16/01/2024	 16/01/2024

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/015-02

Supersedes No.

AYUR/EX/015-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Jatiphala – *Myristica fragrans*(Sd.) – Dry
Powder Extract 12:1

ITEM CODE: 1AY1012

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colored powder with characteristic odour, pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
3	Loss on drying at 105 ⁰ C	NMT 7.0%	API Part I Vol IX
4	pH(1% solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 7.0%	API Part I Vol IX
6	Acid insoluble Ash	NMT 3.0%	API Part I Vol IX
7	Total soluble solids	NLT 80.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per TLC Atlas	TLC Atlas Part I Vol I
9	Assay (Volatile Oil)	NLT 1.0%	API Part I Vol IX
10	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.	
11	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	

Effective Date :	Prepared by:	Checked by:	Approved by:
16 JAN 2024	QC (Analyst) Mr.Abhishek D.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:			

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.	AYUR/EX/016-02
Supersedes No.	AYUR/EX/016-01
Compendia	API/IHS
Review Date	15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Dadima – <i>Punica granatum</i> (Fr.R.) Dry Powder . Extract 5:1	ITEM CODE: 1AY1017
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown coloured powder with characteristic odour , astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	Loss on drying at 105 ⁰ C	NMT 5.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 5.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 1.0%	API Part I Vol IX
7	Total Soluble Solids	NLT 80.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per API	API Part I Vol IV
9	Assay - Polyphenols by UV-VIS Spectrophotometer	NLT 15.0%	API Part I Vol VI
10	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.	
11	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	

Effective Date :	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
16 JAN 2024			
Date & sign:	 16/01/2024	 16/01/2024	 16/01/24

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.	AYUR/EX/115-02
Supersedes No.	AYUR/EX/115-01
Compendia	API/IHS
Review Date	21 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Rasna – <i>Pluchea lanceolata</i> (Rt.) – Dry Powder Extract 10:1	ITEM CODE: 1AY1062
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour powder with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	Loss on drying at 105 ⁰ C	NMT 7.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 5.0%	API Part I Vol IX
6	Acid insoluble Ash	NMT 1.0%	API Part I Vol IX
7	Total soluble solids	NLT 80.0%	API Part I Vol IX
8	Assay – Total Tannins by Titration	NLT 2.0%	API Part I Vol IX
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 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	

Effective Date : 22 JAN 2024	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:			