



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/0083
DATE	16/04/2025
DUE DATE	19/04/2025 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	1AY0001	ADATHODA VASIKA TP 3:1 (VASAKA) LEAF	KGS	30
02	1AY0003	ALBIZZIA LEBBECK TP 5:1 (SHIRISHA) BARK	KGS	30
03	1AY0011	INULA RACEMOSA, TP 3:1 (PUSHKARA) ROOT	KGS	30
04	1AY0029	SHILAJIT TP 6:1 MINERAL PITCH PURIFIED	KGS	25
05	1AY0037	VARUNA (CRETAVIA NURVULA) T.P 10:1 STEM BARK	KGS	25
06	1AY0038	GOKSHURA (TRIBULUS TERRESTRIS) T.P 7:1 (FRUIT)	KGS	30
07	1AY0046	SARIVA (HEIDESMUS INDICA) T.P 8:1 ROOT	KGS	30
08	1AY0047	USHIRA (VETTIVERIA ZIZINOIDES) T:P10:1ROOT	KGS	30
09	1AY0049	LAJJALU (MIMMOSA PUDICA) WHOLE PLANT	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 | |

INCASE 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/001-02

Supersedes No.

AYUR/EX/001-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

**Vasaka - *Adhatoda vasica* (Lf.) TP 3:1 - Thick
Paste Extract**

ITEM CODE: 1AY0001

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	pH(1% Aqueous solution)	6.0 - 8.0	API Part I Vol IX
4	Total Ash	NMT 32.0 %	API Part I Vol IX
5	Acid Insoluble Ash	NMT 10 %	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- Total Alkaloids by Gravimetry	NLT 0.30%	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 ⁶ cfu/gm	API Part I Vol IX
	Total Yeast & Mould Count	NMT 10 ⁶ 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:

Abhishek
16/01/2024

Praveen Kulkarni
16/01/2024

Nilesh
16/01/24



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/036-02

Supersedes No.

AYUR/EX/036-01

Compendia

API/IHS

Review Date

16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Shirisha – *Albizia lebbbeck* (St.Bk.) – Thick Paste
Extract 5:1

ITEM CODE: 1AY0003

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & astringent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	pH(1% solution)	4.5 – 6.0	API Part I Vol IX
4	Total Ash	NMT 12.0%	API Part I Vol IX
5	Acid Insoluble Ash	NMT 2.0%	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 – Total Tannins by Titration	NLT 10.0%	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:	 16/01/2024	 16/01/2024	 16/01/24

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/042-02

Supersedes No.

AYUR/EX/042-01

Compendia

API/IHS

Review Date

16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Pushkara – *Inula racemosa*(Rt.) – Thick Paste
Extract 3:1

ITEM CODE: 1AY0011

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colored thick paste with characteristic odour , pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
3	pH(1% 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 80.0%	API Part I Vol IX
7	Identification Test - TLC	Complies as per API	API Part I Vol IV
8	Assay i) Total Tannins by Titration	NLT 1.0%	IHS
	ii) Volatile Oil	NLT 0.20%	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 microbial plate count	NMT 10 ⁵ cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/056-02
Supersedes No.	AYUR/EX/056-01
Compendia	API/IHS
Review Date	17 JAN 2025

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Shilajit – Asphaltum – Thick Paste Extract 6:1 - Purified Mineral Pitch	ITEM CODE: 1AY0029
----------------	--	--------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste with characteristic odour & 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 10.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 5.0%	API Part I Vol IX
6	Total soluble solids	NLT 80.0%	API Part I Vol IX
7	Assay - Fulvic acid by Titration	NLT 2.0%	IHS
8	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.	
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	

Effective Date : 18 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:			



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/063-02

Supersedes No.

AYUR/EX/063-01

Compendia

API/IHS

Review Date

17 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Varuna – *Carataeva nurvala*(St.Bk.) – Thick Paste
Extract 10:1

ITEM CODE: 1AY0037

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	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 10.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 5.0%	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 – Total Saponins by Gravimetry	NLT 2.50%	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 ⁵ cfu/gm	
	E.Coli	Absent/gm	
	Salmonella	Absent/gm	
	Pseudomonas aeruginosa	Absent/gm	
	Staphylococcus aureus	Absent/gm	

Effective Date : 18 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:	 17/01/2024	 17/01/2024	 17/01/24

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/064-02

Supersedes No.

AYUR/EX/064-01

Compendia

API/IHS

Review Date

17 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Gokshura – *Tribulus terrestris*(Fr.) – Thick Paste
Extract 7:1

ITEM CODE: 1AY0038

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & slight 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 10.0%	API Part I Vol IX
5	Acid Insoluble Ash	NMT 5.0%	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 Saponins by Gravimetry	NLT 7.0%	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 : 18 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:	 17/01/2024	 17/01/2024	 17/01/24

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/071-02

Supersedes No.

AYUR/EX/071-01

Compendia

API/IHS

Review Date

17 JAN 2024

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Sariva – *Hemidesmus indica*(Rt.) – Thick Paste
Extract 8:1

ITEM CODE: 1AY0046

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste with characteristic odour & slight 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 10.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 5.0%	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 - i) Total Tannins by Titration	NLT 5.0%	IHS
	ii) Total Saponins by Gravimetry	NLT 5.0%	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 : 18 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:	 17/01/2024	 17/01/2024	 17/01/24



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/072-02

Supersedes No.

AYUR/EX/072-01

Compendia

API/IHS

Review Date.

17 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Ushir – *Vetiveria zizaniodes*(Rt.) – Thick Paste
Extract 10:1

ITEM CODE: 1AY0047

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydro alcoholic	-
3	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
4	Total Ash	NMT 10.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 5.0%	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 III
8	Assay - Volatile Oil	NLT 0.20%	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 : 18 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:	 17/01/2024	 17/01/2024	 17/01/24

MASTER COPY

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/030-02

Supersedes No.

AYUR/EX/030-01

Compendia

API/IHS

Review Date

16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Lajjalu – *Mimosa pudica*(Wh.Pl.) - Thick Paste
Extract

ITEM CODE: 1AY0049

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick past with. Characteristic odour, bitter & astringent 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 10.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 5.0%	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 II
8	Assay – Total Tannins by Titration	NLT 3.0%	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:	 16/01/2024	 16/01/2024	 16/01/24