



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/1564
DATE	17/10/2024
DUE DATE	19/10/2024 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	1AY1090	HARIDRA(CURCUMA LONGA) SOFT EXTRACT 7:1	KGS	50
02	1AY1093	BABBULA(ACACIA ARABICA) SOFT EXTRACT 10:1	KGS	20
03	1AY1094	LAJJALU(MIMOSA PUDICA) SOFT EXTRACT 4:1	KGS	25
04	1AY1096	PIPPALA(FICUS RELIGOSA) SOFT EXTRACT 5:1	KGS	25
05	1AY1098	VATA (FICUS BENGALENSIS) SOFT EXTRACT 10:1	KGS	10
06	1AY1099	UDUMBARA(FICUS GLOMERATA) SOFT EXTRACT 5:1	KGS	10
07	1AY1100	YASTIMADHU(GLYCYRRHIZA GLABRA) SOFT EXTRACT 3:1	KGS	25
08	1AY1117	LODHRA(SYMPLOCOS RACEMOSA) SOFT EXTRACT 5:1	KGS	10
09	1AY1247	USHEERA(VETTIVERIA ZIINOIDES) SOFT EXTRACT 8:1	KGS	10

**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.**

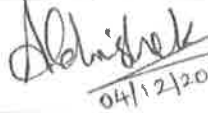
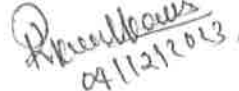

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD

	<b>QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION</b>	Specification No.	AYUR/EX/148-00
		Supersedes No.	Nil.
		Compendia	API/IHS
		Review Date	- 4 DEC 2025

**AYURVEDIC RAW MATERIAL SPECIFICATION**

<b>Material Name:</b>	Haridra ( <i>Curcuma longa</i> ) – Oil Extract	<b>ITEM CODE:</b> 1AY1090
-----------------------	--	---------------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Reddish yellow coloured oil.	-
2	Odour	Characteristic Odour	-
3	Solubility in Water	Should be Soluble	-
4	Specific Gravity	0.80 to 1.0	API Part I Vol VI
5	Identification Test - TLC	Complies as per API	API Part I Vol VIII
6	Assay - Curcumin	NLT 3.0%	API Part I Vol VIII
7	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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>	<b>Prepared by:</b>	<b>Checked by:</b>	<b>Approved by:</b>
- 5 DEC 2023	QC (Analyst) Mr.Abhishek D.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
<b>Date &amp; sign:</b>	 04/12/2023	 04/12/2023	 4/12/23

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/149-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date	4 DEC 2025

**AYURVEDIC RAW MATERIAL SPECIFICATION**

<b>Material Name:</b> Babbula ( <i>Acacia Arabica</i> ) soft extract 10:1	<b>ITEM CODE:</b> 1AY1093
---	---------------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste.	-
2	Odour & Taste	Characteristic odour & astringent in taste.	-
3	pH(1% 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 IHS	IHS
8	Assay(Total Tannins)	NLT 30.0%	
9	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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> 5 DEC 2023	<b>Prepared by:</b> QC (Analyst) Mr.Abhishek D.	<b>Checked by:</b> M (Ayush) Dr.Praveen Kulkarni	<b>Approved by:</b> Sr.M (Ayush) Dr.Nilesh Gawas
<b>Date &amp; sign:</b>			

[MASTER COPY]

**KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHAWAD**



**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/150-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date	4 DEC 2023

**AYURVEDIC RAW MATERIAL SPECIFICATION**

**Material Name:** Lajjalu (*Mimosa pudica*) Soft Extract 4:1 **ITEM CODE: 1AY1094**

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colored thick paste.	-
2	Odour & Taste	Characteristic odour , bitter & astringent in taste.	-
3	pH(1% 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 (Tannins) by Titration	NLT 3.0%	IHS
9	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 : <b>5 DEC 2023</b>	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	<i>Abhishek</i> 24/12/2023	<i>Praveen Kulkarni</i> 04/12/2023	<i>Nilesh Gawas</i> 4/12/23

MASTER COPY

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION

Specification No.	AYUR/EX/152-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date	4 DEC 2023

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Pippala ( <i>Ficus Religosa</i> ) Soft Extract 5:1	ITEM CODE: 1AY1096
----------------	--	--------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste.	-
2	Odour & Taste	Characteristic odour & astringent in taste.	-
3	pH(1% 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 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 IHS	IHS
8	Assay(Total Tannins)	NLT 5.0%	
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 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 : 5 DEC 2023	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:			

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/154-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date	4 DEC 2025

**AYURVEDIC RAW MATERIAL SPECIFICATION**

Material Name:	Vata ( <i>Ficus Bengalensis</i> ) Soft Extract 10:1	ITEM CODE: 1AY1098
----------------	---	--------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste.	-
2	Odour & Taste	Characteristic odour & astringent in taste.	-
3	pH(1% 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 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 API	API Part I Vol IV
8	Assay(Total Tannins)	NLT 10.0%	IHS
9	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 :	Prepared by:	Checked by:	Approved by:
5 DEC 2023	QC (Analyst) Mr.Abhishek D.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 04/12/2023	 04/12/2023	 4/12/23

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.	AYUR/EX/155-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date	4 DEC 2025

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Udumbara ( <i>Ficus Glomerata</i> ) Soft Extract 5:1	ITEM CODE: 1AY1099
----------------	--	--------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Reddish Brown colour thick paste.	-
2	Odour & Taste	Characteristic odour & astringent in taste.	-
3	pH(1% 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 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	IHS
8	Assay(Total Tannins)	NLT 10.0%	
9	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 :	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 04/12/2023	 09/12/2023	 4/12/23

[MAST COPY]

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.

AYUR/EX/156-00

Supersedes No.

Nil.

Compendia

API/IHS

Review Date

- 4 DEC 2025

**AYURVEDIC RAW MATERIAL SPECIFICATION**

Material Name: **Yashtimadhu (*Glycyrrhiza glabra*)(Rt.)(St.) – Soft Extract**

ITEM CODE: 1AY1100

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colored thick paste.	-
2	Odour & Taste	Characteristic odour & sweet in taste.	-
3	pH(1% 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) HPLC	NLT 2.0%	API Part I Vol VIII
9	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 : - 5 DEC 2023	Prepared by: QC (Analyst) Mr.Abhishek D.	Checked by: M (Ayush) Dr.Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 04/12/2023	 4/12/23	 4/12/23



MASTER COPY

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No. AYUR/EX/157-00

Supersedes No. Nil.

Compendia API/IHS

Review Date 4 DEC 2025

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Lodhra (*Symplocos racemosa*)(St.Bk.) – Soft Extract 5:1 ITEM CODE: 1AY1117

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark Brown coloured thick paste.	-
2	Odour & Taste	Characteristic odour & astringent in taste.	-
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	Assay i) Alkaloids-Gravimetry	NLT 0.25%	IHS
	ii) Tannins-Titration	NLT 2.5%	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 microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 : 5 DEC 2023	Prepared by: QC (Analyst) Mr. Sangameshwar K.	Checked by: M (Ayush) Dr. Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr. Nilesh Gawas
Date & sign:			

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.	AYUR/EX/158-00
Supersedes No.	Nil.
Compendia	API/IHS
Review Date.	4 DEC 2025

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Ushir ( <i>Vetiveria zizanioides</i> )(Rt.) – Soft Extract 8:1	ITEM CODE: 1AY1247
----------------	--	--------------------

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste.	-
2	Odour & Taste	Characteristic odour & bitter in taste.	-
3	Solvent used for extraction	Hydro alcoholic	-
4	pH(1% solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 10.0%	API Part I Vol IX
6	Acid insoluble Ash	NMT 5.0%	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 III
9	Assay (Volatile Oil)	NLT 1.0%	API Part I Vol IX
10	<b>HEAVY METALS</b>		
	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	<b>MICROBIOLOGICAL ANALYSIS</b>		
	Total microbial plate count	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	Total Yeast & Molds 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 :	Prepared by:	Checked by:	Approved by:
5 DEC 2023	QC (Analyst) Mr. Sangameshwar K.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	<i>Sangameshwar K.</i> 04/12/2023	<i>Praveen Kulkarni</i> 04/12/2023	<i>Nilesh Gawas</i> 4/12/23