



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/1845
DATE	18/11/2024
DUE DATE	20/11/2024 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	1AY0009	GLYCYRRHIZA GLABRA, TP 3:1 (YASHTIMADHU) STOLON	KGS	100
02	1AY0015	PICRORRHIZA KURROOA, TP 3:1 (KATUKI) ROOT	KGS	30
03	1AY0086	PUNICA GRANATUM (DADIMA) DRY POWDER	KGS	25
04	1AY0087	VITIS VINIFERA (DRAAKSHA) DRY POWDER	KGS	30
05	1AY0088	FOENICULUM VULGARE (MISHREYA) DRY POWDER	KGS	30
06	1AY0089	MENTHA PIPERATA (PUTEEHA) DRY POWDER	KGS	25

**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.

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**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 – <i>Glycyrrhiza glabra</i> (Rt.)(St.) – Thick Paste Extract 3:1	ITEM CODE: 1AY0009
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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	<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 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 :	Prepared by:	Checked by:	Approved by:
17 JAN 2024	QC (Analyst) Mr.Sangameshwar K.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:			
	16/01/2024	16/01/2024	16/01/2024

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KARNATAKA ANTI-BIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.	AYUR/EX/046-02
Supersedes No.	AYUR/EX/046-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Kutaki – <i>Picrorrhiza kurrooa</i> (Rt.) – Thick Paste Extract 3:1	ITEM CODE: 1AY0015
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste characteristic odour & 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 API	API Part I Vol IX
8	Assay - Total Bitters by Gravimetry	NLT 3.50%	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 <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 : 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/008-02

Supersedes No.

AYUR/EX/008-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Dadima -- *Punica granatum* (Fr.) - Dry Powder  
Extract


ITEM CODE: 1AY0086

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown to reddish brown coloured powder with characteristic odour, bitter & sour in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105°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 <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	


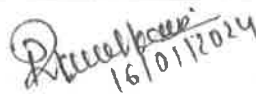

Effective Date :	Prepared by :	Checked by :	Approved by :
16 JAN 2024	QC (Analyst) Mr.Abhishek D.	M (Ayush) Dr.Praveen Kulkarni	Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:			

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	<b>QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION</b>	Specification No.	AYUR/EX/009-02
		Supersedes No.	AYUR/EX/009-01
		Compendia	API/IHS
		Review Date	15 JAN 2026
<b>AYURVEDIC RAW MATERIAL SPECIFICATION</b>			
Material Name:	Draksha- <i>Vitis vinifera</i> ( Fr.) Dry Powder Extract	ITEM CODE: 1AY0087	

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown coloured powder with characteristic odour, sour & Astringent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	Loss on drying at 105°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	Atlas Part I Vol III
9	Assay - Polyphenols by UV –Vis Spectrophotometer	NLT 5.0%	API Part I Vol VI
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 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	



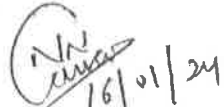
Effective Date : <b>16 JAN 2024</b>	Prepared by : QC (Analyst) Mr.Abhishek D.	Checked by : M (Ayush) Dr.Praveen Kulkarni	Approved by : Sr.M (Ayush) Dr.Nilesh Gawas
Date & sign:	 16/01/2024	 16/01/2024	 16/01/24

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD

	<b>QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION</b>	Specification No.	AYUR/EX/010-02
		Supersedes No.	AYUR/EX/010-01
		Compendia	API/IHS
		Review Date	15 JAN 2026
<b>AYURVEDIC RAW MATERIAL SPECIFICATION</b>			
Material Name:	Mishreya – <i>Foeniculum vulgare</i> (Fr.) - Dry Powder Extract	ITEM CODE: 1AY0088	

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Cream to brown coloured powder with characteristic odour, pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydro alcoholic	
3	Loss on drying at 105°C	NMT 6.0%	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	Atlas Part I Vol I
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 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 : <b>16 JAN 2024</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:			

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QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.	AYUR/EX/011-02
Supersedes No.	AYUR/EX/011-01
Compendia	API/IHS
Review Date	15 JAN 2026

**AYURVEDIC RAW MATERIAL SPECIFICATION**

Material Name: **Puteeha – *Mentha piperata* (Lf.) Dry Powder Extract** ITEM CODE: 1AY0089

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown to yellowish brown coloured powder with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	
3	Loss on drying at 105°C	NMT 5.0%	API Part I Vol IX
4	pH(1% 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 IHS	IHS
9	Assay (Volatile Oil)	NLT 0.20%	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 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 : <b>16 JAN 2024</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:	 16/01/2024	 16/01/2024	 16/01/24