



ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/0526
DATE	10/06/2024
DUE DATE	13/06/2024

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	1AY0033	KALMEGH (ANDROGRAPHIS PANICULATA ) T.P 10:1 LEAVES	KGS	30
03	1AY0034	HARIDRA (CURCUMA LONGA) T.P 7:1 RHIZOME	KGS	30
04	1AY0037	VARUNA (CRETAVIA NURVULA) T.P 10:1 STEM BARK	KGS	30
05	1AY0038	GOKSHURA (TRIBULUS TERRESTRIS) T.P 7:1 (FRUIT)	KGS	30
06	1AY0048	SHATAVARI(ASPARAGUS RACEMOSUS) T.P 4:1 RHIZOME	KGS	30
07	1AY0065	NIMBA(AZADIRACHTA INDICA)TP 10:1 (BARK)	KGS	30
08	1AY0089	MENTHA PIPERATA (PUTEEHA) DRY POWDER	KGS	30
09	1AY1032	HARIDRA (CURCUMA LONGA) D.P 7:1 RHIZOME	KGS	100

**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 NOT QUOTING PLEASE SEND THE 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	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:			

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QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.	AYUR/EX/059-02
Supersedes No.	AYUR/EX/059-01
Compendia	API/IHS
Review Date	17 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Kalmegha – <i>Andrographis paniculata</i> (Lf.) – Thick Paste Extract 10:1	ITEM CODE: 1AY0033
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colour thick paste with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	5.5 – 7.5	API Part I Vol IX
4	Total Ash	NMT 32.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 7.0%	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 VIII
8	Assay – Total Bitters by Gravimetry	NLT 4.0%	API Part I Vol IX
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	


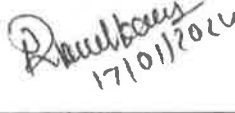

Effective Date : 18 JAN 2024	Prepared by: QC (Analyst) Mr. Abhishek D.	Checked by: M (Ayush) Dr. Praveen Kulkarni	Approved by: Sr.M (Ayush) Dr. Nilesh Gawas
Date & sign:	 17/01/2024	 17/01/2024	 18/1/24

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	QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION	Specification No.	AYUR/EX/060-02
		Supersedes No.	AYUR/EX/060-01
		Compendia	API/IHS
		Review Date	17 JAN 2026
<b>AYURVEDIC RAW MATERIAL SPECIFICATION</b>			
Material Name:	Haridra – <i>Curcuma longa</i> (Rz.) – Thick Paste Extract 7:1.	ITEM CODE: 1AY0034	

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Light yellowish to brown colour thick paste characteristic odour, pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	5.5 – 7.0	API Part I Vol IX
4	Total Ash	NMT 30.0%	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 VIII
8	Assay – Volatile Oil	NLT 1.0%	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>3</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>18 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:	 17/01/2024	 17/01/2024	 18/01/24

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**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**

<b>Material Name:</b>	<b>Varuna – Carataeva nurvala(St.Bk.) – Thick Paste Extract 10:1</b>	<b>ITEM CODE: 1AY0037</b>
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	<b>Description</b>	Brown colour thick paste with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	<b>Solvent used for extraction</b>	Aqueous	
3	<b>pH(1% Aqueous solution)</b>	4.0 – 7.0	API Part I Vol IX
4	<b>Total Ash</b>	NMT 10.0%	API Part I Vol IX
5	<b>Acid insoluble Ash</b>	NMT 5.0%	API Part I Vol IX
6	<b>Total soluble solids</b>	NLT 80.0%	API Part I Vol IX
7	<b>Identification test - TLC</b>	Complies as per TLC Atlas	TLC Atlas Part I Vol I
8	<b>Assay – Total Saponins by Gravimetry</b>	NLT 2.50%	API Part I Vol IX
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>		
	<b>Total Aerobic Microbial Count</b>	NMT 10 <sup>5</sup> cfu/gm	API Part I Vol IX
	<b>Total Yeast &amp; Mould Count</b>	NMT 10 <sup>3</sup> cfu/gm	
	<b>E.Coli</b>	Absent/gm	
	<b>Salmonella</b>	Absent/gm	
	<b>Pseudomonas aeruginosa</b>	Absent/gm	
	<b>Staphylococcus aureus</b>	Absent/gm	

<b>Effective Date :</b> 18 JAN 2024	<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>	 17/01/2024	 17/01/2024	 17/01/24

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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 <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 : 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	 18/01/24

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**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/029-02
Supersedes No.	AYUR/EX/029-01
Compendia	API/IHS
Review Date	16 JAN 2026

**AYURVEDIC RAW MATERIAL SPECIFICATION**

Material Name:	Shatavari - <i>Asparagus racemosus</i> (Rz.) - Thick Paste Extract 4:1	ITEM CODE: 1AY0048
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour, sweet & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	4.5 – 6.5	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 VIII
8	Assay – Total Saponins by Gravimetry	NLT 7.0%	API Part I Vol IX
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 : <b>17 JAN 2024</b>	Prepared by: QC (Analyst) Mr.Sangameshwar K.	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/076-02

Supersedes No.

AYUR/EX/076-01

Compendia

API/IHS

Review Date

18 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Nimba – *Azadirachta indica*(St.Bk.) – Thick Paste Extract 10:1 ITEM CODE: 1AY0065

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown coloured thick paste with 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 II
8	Assay - Total Bitters by Gravimetry	NLT 4.0%	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 <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 : 19 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:	 18/01/2024	 18/01/2024	 18/01/24



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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: Putecha – *Mentha piperata* (Lf.) Dry Powder Extract      ITEM CODE: IAY0089

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

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QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.

AYUR/EX/094-02

Supersedes No.

AYUR/EX/094-01

Compendia

API/IHS

Review Date.

18 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Haridra – *Curcuma longa*(Rz.) – Dry Powder  
Extract 7:1

ITEM CODE: 1AY1032

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Light yellowish to orange coloured powder with characteristic odour, pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105°C	NMT 7.0%	API Part I Vol IX
4	pH(1%Aqueous solution)	5.5 – 7.0	API Part I Vol IX
5	Total Ash	NMT 30.0%	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 Test - TLC	Complies as per API	API Part I Vol VIII
9	Assay – Volatile Oil	NLT 2.0%	API Part I Vol VIII
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 : 19 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:			