



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/ 2247
DATE	21/01/2025
DUE DATE	23/01/2025 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	1AY0007	ECLIPTA ALBA, TP 6:1 (BHRINGARAJA) WHOLE PLANT	KGS	30
02	1AY0032	VIDANGA(EMBELIA RIBES ) T .P 10:1 FRUIT	KGS	25
03	1AY1032	HARIDRA (CURCUMA LONGA) D.P 7:1 RHIZOME	KGS	50
04	1AY1037	TRIPHALA D.P 4:1 FRUITS OF THREE SPECIFIED TREES	KGS	30
05	1AY1082	MADHUNASHINI DP 10:1 (GYMNEMA SYLVESTRE) LEAVES	KGS	30
06	1AY1083	KARAVELAKA DP 5:1 (MOMORDICA CHARANTIA) FRUIT	KGS	30
07	1AY1084	ASANA DP 15:1 (PTEROCARPUS MARSUPIUM)HEART WOOD	KGS	25
08	1AY1115	SALLAKI (BOSWELIA SERRATA) SOFT EXTRACT 3:1	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.



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.

AYUR/EX/039-02

Supersedes No.

AYUR/EX/039-01

Compendia

API/IHS

Review Date

16 JAN 2026

## AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Bringhraj – *Eclipta alba* (Wh.Pl.) – Thick Paste  
Extract 6:1

ITEM CODE: 1AY0007

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)	5.5 – 7.0	API Part I Vol IX
4	Total Ash	NMT 10.0%	API Part I Vol IX
5	Acid Insoluble Ash	NMT 1.5%	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 – Total Alkaloids by Gravimetry	NLT 0.50%	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:			



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.

AYUR/EX/058-02

Supersedes No.

AYUR/EX/058-01

Compendia

API/IHS

Review Date

17 JAN 2026

## AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Vidang – *Embelia ribes* (Fr.) – Thick Paste Extract  
10:1

ITEM CODE: 1AY0032

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)	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 TLC Atlas	TLC Atlas Part I Vol I
8	Assay - Total Tannins By Titration	NLT 4.0%	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 : 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



QUALITY CONTROL  
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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:	 18/01/2024	 18/01/2024	 18/01/24



QUALITY CONTROL  
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Specification No.

AYUR/EX/099-02

Supersedes No.

AYUR/EX/099-01

Compendia

API/IHS

Review Date

18 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Triphala(Combination of Amalaki(Embolia officinalis)(P.), Bibhitaki(Terminalia belerica)(P), Haritaki (Terminalia chebula)(P)- Dry Powder Extract - 4:1

ITEM CODE: 1AY1037

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colored 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% solution)	3.0 – 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 70.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per API	API Part I Vol VIII
9	Assay - Tannins by Titration	NLT 40.0%	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 <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



QUALITY CONTROL  
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Specification No.  
Supersedes No.  
Compendia  
Review Date

AYUR/EX/132-02  
AYUR/EX/132-01  
API/IHS  
22 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Madhunashini – *Gymnema sylvestre*(Lf.) – Dry  
Powder Extract 10:1

ITEM CODE: 1AY1082

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Greenish brown coloured powder with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	Loss on drying at 105 <sup>0</sup> 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 7.0%	API Part I Vol IX
6	Acid insoluble Ash	NMT 2.0%	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 V
9	Assay - Gymnemic Acid by Gravimetry	NLT 15.0%	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 <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>23 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:	 24/01/2024	 24/01/2024	 24/01/24



QUALITY CONTROL  
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Specification No.  
Supersedes No.  
Compendia  
Review Date

AYUR/EX/133-02  
AYUR/EX/133-01  
API/IHS  
22 JAN 2026

**AYURVEDIC RAW MATERIAL SPECIFICATION**

Material Name: Karavellaka – *Momordica charantia*(Fr.) – Dry  
Powder Extract 5:1

ITEM CODE: 1AY1083

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown coloured powder with characteristic odour & bitter 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 II
9	Assay-Bitters by Gravimetry	NLT 2.5%	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 : 23 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:	 22/01/2024	 22/01/2024	 22/01/24



QUALITY CONTROL  
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Specification No.  
Supersedes No.  
Compendia  
Review Date

AYUR/EX/134-02  
AYUR/EX/134-01  
API/IHS

22 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Asana – *Pterocarpus marsupium*(Heart Wood) – Dry  
Powder Extract 15:1

ITEM CODE: 1AY1084

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Light brown to brown coloured powder with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	Loss on drying at 105 <sup>o</sup> 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 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 – Total Tannins by Titration	NLT 5.0%	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 <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 : 23 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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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION

Specification No.  
Supersedes No.  
Compendia  
Review Date

AYUR/EX/146-01  
AYUR/EX/146-00  
API/IHS  
22 JAN 2024

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Sallaki – *Boswellia serrata*(Exd.) – Soft Extract 3:1

ITEM CODE: 1AY1115

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Off white to cream coloured soft extract with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
3	pH(1% Aqueous Solution)	3.5 – 5.5	API Part I Vol IX
4	Total Ash	NMT 4.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 1.0%	API Part I Vol IX
6	Total soluble solids	NLT 70.0%	API Part I Vol IX
7	Identification Test - TLC	Complies as per API .	API Part I Vol IX
8	Assay - Boswellic Acid by Titration	NLT 3.0%	IHS
9	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 : 23 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:	 24/01/2024	 22/01/2024	 22/01/24