



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/0313
DATE	26/05/2025
DUE DATE	28/05/2025 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	1AY0080	PICRORHIZA KURROA (KATUKI)-DRY POWDER	KGS	25
02	1AY0081	EMBELIA RIBES (VIDANGA) - DRY POWDER	KGS	5
03	1AY0082	CYPERUS ROTUNDUS (MUSTA)-DRY POWDER	KGS	5
04	1AY0083	PIPER LONGUM(PIPPALI)-DRY POWDER	KGS	25
05	1AY0086	PUNICA GRANATUM (DADIMA) DRY POWDER	KGS	30
06	1AY0089	MENTHA PIPERATA (PUTEEHA) DRY POWDER	KGS	30
07	1AY0201	AEGLE MARMELOS, DP 4:1 (BILVA) LEAVES	KGS	30
08	1AY1037	TRIPHALA D.P 4:1 FRUITS OF THREE SPECIFIED TREES	KGS	30
09	1AY1059	METHIKA(TRIGONELLA FOENUMGRACEUM)DP 15:1 SEEDS	KGS	30
10	1AY1060	GOKSHURA(TRIBULUS TERRESTRIS) DP 7:1 FRUIT	KGS	30
11	1AY1082	MADHUNASHINI DP 10:1 (GYMNEMA SYLVESTRE) LEAVES	KGS	50
12	1AY1083	KARAVELLAKA DP 5:1 (MOMORDICA CHARANTIA) FRUIT	KGS	50
13	1AY1084	ASANA DP 15:1 (PTEROCARPUS MARSUPIUM)HEART WOOD	KGS	30

NOTE: PLEASE QUOTE AS PER OUR SPECIFICATION ATTACHED.

OTHER TERMS:

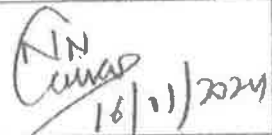
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|----------------------------------|--|
| 1. F.O.R TERMS | : DOOR DELIVERY AT DHARWAD PLANT KARNATAKA |
| 2. GST% | : PLEASE SPECIFY |
| 3. PACKING & FORWARDING CHARGES: | NOT APPLICABLE |
| 4. CREDIT PERIOD | : 90 DAYS REQUESTED |
| 5. DELIVERY OFFERED | |

For KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED


AUTHORISED SIGNATORY
PURCHASE DEPT.

 QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION				Specification No. AYUR/EX/002-02 Supersedes No. AYUR/EX/002-01 Compendia API/IHS Review Date 15 JAN 2026	
AYURVEDIC RAW MATERIAL SPECIFICATION					
Material Name:		Kutki – <i>Picrorrhiza kurroa</i> (Rt.) - Dry Powder Extract			ITEM CODE: 1AY0080

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark 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 7.0%	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 90.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per API	API Part I Vol IX
9	Assay - Total Bitters by gravimetry	5.0 – 8.0%	API Part I Vol IX
10	HEAVY METALS		API Part I Vol IX
	Arsenic	NMT 3.0 ppm.	
	Cadmium	NMT 0.3 ppm.	
	Lead	NMT 10.0 ppm.	
	Mercury	NMT 1.0 ppm.	
11	MICROBIOLOGICAL ANALYSIS		API Part I Vol IX
	Total microbial plate count	NMT 10 ⁵ cfu/gm	
	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 : 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:	 16/01/2024	 16/01/2024	 16/01/2024

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/003-02

Supersedes No.

AYUR/EX/003-01

Compendia

API/IHS

Review Date

15 JAN 2024

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Vidang – *Embelia ribes* (Fr.) Dry Powder Extract **ITEM CODE:** 1AY0081

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured powder with Characteristic odour & Bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105 ^o C	NMT 7.0%	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 TLC Atlas	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 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 :	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:	 16/01/2024	 16/01/2024	 16/01/2024

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/004-02

Supersedes No.

AYUR/EX/004-01

Compendia

API/IHS

Review Date

15 JAN 2024

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Nagarmotha – <i>Cyperus rotundus</i> (Rz.) Dry Powder Extract	ITEM CODE: 1AY0082
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured powder with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105 ⁰ C	NMT 7.0%	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 70.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per TLC Atlas	Atlas Part I Vol III
9	Assay (Total Alkaloids) by Gravimetric	NLT 0.20%	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 microbial plate 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 : 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:	 16/01/2024	 16/01/2024	 16/01/2024

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**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.

AYUR/EX/005-02

Supersedes No.

AYUR/EX/005-01

Compendia

API/IHS

Review Date

15 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

**Pippali – *Piper longum* (Fr.) - Dry Powder •
Extract**

ITEM CODE: 1AY0083

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Greenish brown/greenish cream coloured powder with characteristic odour & pungent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
3	Loss on drying at 105 ^o C	NMT 6.0 %	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 70.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per API	API Part I Vol IV
9	Assay - Piperine by HPLC	4.0 – 6.0%	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 microbial plate 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 : 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:	 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 – <i>Punica granatum</i> (Fr.) - Dry Powder Extract	ITEM CODE: 1AY0086
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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 ^o 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 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 : 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:	 16/01/2024	 16/01/2024	 16/01/24

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**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 – <i>Mentha piperata</i> (Lf.) Dry Powder Extract	ITEM CODE: 1AY0089
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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	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 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 : 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:			

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No. AYUR/EX/088-02
Supersedes No. AYUR/EX/088-01
Compendia API/IHS
Review Date 18 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name: Bilva – *Aegle marmelos* (Lf.) - Dry Powder • ITEM CODE: 1AY0201
Extract 4:1

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Light brown coloured powder with characteristic odour, astringent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105 ^o 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 IHS	IHS
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 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 : 19 JAN 2024	Prepared by: QC (Analyst) Mr.Sangameshwar K.	Checked by: M (Ayushi) 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.

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(Emblia
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 ^o 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 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 : 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/112-02

Supersedes No.

AYUR/EX/112-01

Compendia

API/IHS

Review Date

21 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:

Methika – *Trigonella foenumgraecum*(Sd.) – Dry .
Powder Extract 15:1

ITEM CODE: 1AY1059

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured powder with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105 ^o C	NMT 8.0%	API Part I Vol IX
4	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
5	Total Ash	NMT 12.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 2.0%	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 IX
9	Assay - Total Saponins by Gravimetry	NLT 15.0%	API Part I Vol IX
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 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 : 22 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:	 22/01/2024	 22/01/2024	 22/01/24

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/113-02
Supersedes No.	AYUR/EX/113-01
Compendia	API/IHS
Review Date	21 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Gokshura – Tribulus terrestris(Fr.) – Dry Powder, Extract 7:1	ITEM CODE: 1AY1060
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour powder with characteristic odour & slight 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 10.0%	API Part I Vol IX
6	Acid Insoluble Ash	NMT 5.0%	API Part I Vol IX
7	Total Soluble Solids	NLT 90.0%	API Part I Vol IX
8	Identification Test - TLC	Complies as per TLC Atlas	TLC Atlas Part I Vol I
9	Assay – Total Saponins by Gravimetry	NLT 10.0%	API Part I Vol IX
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 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 : 22 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:	 22/01/2024	 22/01/2024	 22/01/24

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QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/132-02

Supersedes No.

AYUR/EX/132-01

Compendia

API/IHS

Review Date

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 ^o 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 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 : 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:	<i>Sangameshwar K.</i> 24/01/2024	<i>Praveen Kulkarni</i> 24/01/2024	<i>Nilesh Gawas</i> 24/01/24

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/133-02

Supersedes No.

AYUR/EX/133-01

Compendia

API/IHS

Review Date

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 ⁰ 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	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 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 : 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

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.

AYUR/EX/134-02

Supersedes No.

AYUR/EX/134-01

Compendia

API/IHS

Review Date

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 ^o 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 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 :

23 JAN 2024

Prepared by:

QC (Analyst)
Mr.Sanganeshwar K.

Checked by:

M (Ayush)
Dr.Praveen Kulkarni

Approved by:

Sr.M (Ayush)
Dr.Nilesh Gawas

Date & sign:

Sanganeshwar K.
22/01/2024

Dr.Praveen Kulkarni
22/01/2024

Nilesh Gawas
22/01/24