



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY,REF. No.	KAPL/PRA/AY/DH/073/ 2079
DATE	23/12/2024
DUE DATE	26/12/2024 UP TO 13.00 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	1AY0003	ALBIZZIA LEBBECK TP 5:1 (SHIRISHA) BARK	KGS	30
02	1AY0005	BOERRHAVIA DIFFUSA, TP 5:1 (PUNARNAVA) WHOLE PLANT	KGS	30
03	1AY0007	ECLIPTA ALBA, TP 6:1 (BHRINGARAJA) WHOLE PLANT	KGS	30
04	1AY0009	GLYCYRRHIZA GLABRA, TP 3:1 (YASHTIMADHU) STOLON	KGS	100
05	1AY0013	OCIMUM SANCTUM, TP 5:1 (TULASI) LEAF	KGS	50
06	1AY0016	PIPER LONGUM, TP 4:1 (PIPPALI) DRIED BERRIES	KGS	25
07	1AY0018	SIDA CORDIFOLIA, TP 6:1 (BALA) WHOLE PLANT	KGS	25
08	1AY0080	PICRORHIZA KURROA (KATUKI)-DRY POWDER	KGS	25
09	1AY0083	PIPER LONGUM(PIPPALI)-DRY POWDER	KGS	30
10	1AY1082	MADHUNASHINI DP 10:1 (GYMNEMA SYLVESTRE) LEAVES	KGS	50
11	1AY1083	KARAVELLAKA DP 5:1 (MOMORDICA CHARANTIA) FRUIT	KGS	50

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

IN CASE 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/036-02

Supersedes No. AYUR/EX/036-01

Compendia API/IHS

Review Date 16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Shirisha – <i>Albizia lebbek</i> (St.Bk.) – Thick Paste Extract 5:1	ITEM CODE: 1AY0003
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & astringent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	
3	pH(1% solution)	4.5 – 6.0	API Part I Vol IX
4	Total Ash	NMT 12.0%	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	API Part I Vol IX
8	Assay – Total Tannins by Titration	NLT 10.0%	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 : 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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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.	AYUR/EX/037-02
Supersedes No.	AYUR/EX/037-01
Compendia	API/IHS
Review Date	16 JAN 2026


AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Punarnava – <i>Boerhavia diffusa</i> (Wh.Pl.) - Thick Paste Extract 5:1	ITEM CODE: 1AY0005
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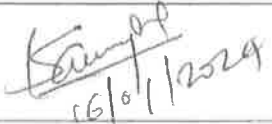
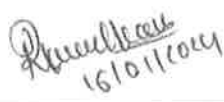
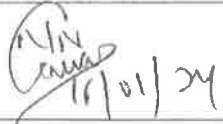
SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & astringent taste with little bitter.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	6.0 – 8.0	API Part I Vol IX
4	Total Ash	NMT 12.0%	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	API Part I Vol IX
8	Assay – Total Alkaloids Gravimetry	NLT 0.25%	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:	 16/01/2024	 16/01/2024	 16/01/24


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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD			
	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 – <i>Eclipta alba</i> (Wh.Pl.) – Thick Paste Extract 6:1		ITEM CODE: 1AY0007


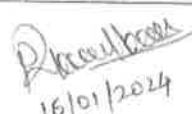
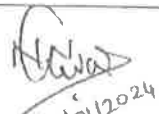
SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured thick paste with characteristic odour & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous Solution)	5.5 – 7.0	API Part I Vol IX
4	Total Ash	NMT 10.0%	API Part I Vol IX
5	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 :	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:			

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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

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 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:	 16/01/2024	 16/01/2024	 16/01/2024

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION

Specification No.	AYUR/EX/044-02
Supersedes No.	AYUR/EX/044-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Tulasi – <i>Ocimum sanctum</i> (Lf.) – Thick Paste Extract 5:1	ITEM CODE: 1AY0013
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colored thick paste with Characteristic odour, pungent & bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
3	pH(1% solution)	3.5 – 5.5	API Part I Vol IX
4	Total Ash	NMT 12.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 1.50%	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 Tannins by titration	NLT 10.0%	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 & Molds 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:	 16/01/2024	 16/01/2024	 16/01/24



**QUALITY CONTROL
DEPARTMENT
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/047-02
Supersedes No.	AYUR/EX/047-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Pippali – <i>Piper longum</i> (Fr.) – Thick Paste Extract 4:1	ITEM CODE: 1AY0016
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Greenish to brown coloured thick paste characteristic odour & pungent in taste.	Visual & Organoleptic
2	Solvent used for extraction	Hydroalcoholic	-
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 70.0%	API Part I Vol IX
7	Identification Test - TLC	Complies as per API	API Part I Vol IV
8	Assay - Piperine by HPLC	NLT 2.0%	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 : 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/049-02
Supersedes No.	AYUR/EX/049-01
Compendia	API/IHS
Review Date	16 JAN 2026

AYURVEDIC RAW MATERIAL SPECIFICATION


Material Name:	Bala – <i>Sida cordifolia</i> (Wh.Pl.) – Thick Paste Extract 6:1	ITEM CODE: 1AY0018
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SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Brown colour thick paste with characteristic odour, astringent & 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 7.0%	API Part I Vol IX
5	Acid insoluble Ash	NMT 3.0%	API Part I Vol IX
6	Total soluble solids	NLT 90.0%	API Part I Vol IX
7	Assay – Total Alkaloids by Gravimetry	NLT 0.20%	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 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.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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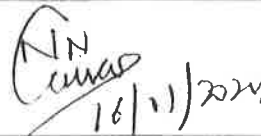
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD

	QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION	Specification No.	AYUR/EX/002-02
		Supersedes No.	AYUR/EX/002-01
		Compendia	API/IHS
		Review Date	15 JAN 2024


AYURVEDIC RAW MATERIAL SPECIFICATION

Material Name:	Kutaki – <i>Picrorrhiza kurrooa</i> (Rt.) - Dry Powder Extract	ITEM CODE: 1AY0080
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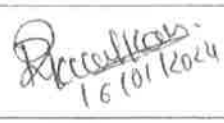
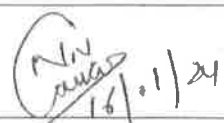
SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown coloured powder with Characteristic odour & Bitter in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	Loss on drying at 105°C	NMT 7.0%	API Part I Vol IX
4	pH(1% solution)	4.0-7.0	API Part I Vol IX
5	Total 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		
	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 : 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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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD			
	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 – <i>Piper longum</i> (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°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:			

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KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD



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°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:	 24/01/2024	 24/01/2024	 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 ^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 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