



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/PRA/AY/DH/073/0967
DATE	01/08/2024
DUE DATE	03/08/2024

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	1AY0007	ECLIPTA ALBA, TP 6:1 (BHRINGARAJA) WHOLE PLANT	KGS	30
02	1AY0009	GLYCYRRHIZA GLABRA, TP 3:1 (YASHTIMADHU) STOLON	KGS	200
03	1AY0017	PUNICA GRANATUM, TP 4:1 (DADIMA) RIND OF FRUIT	KGS	30
04	1AY0033	KALMEGH (ANDROGRAPHIS PANICULATA ) T.P 10:1 LEAVES	KGS	30
05	1AY0065	NIMBA(AZADIRACHTA INDICA)TP 10:1 (BARK)	KGS	30

**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.**

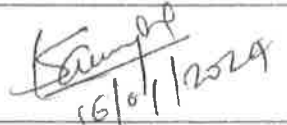
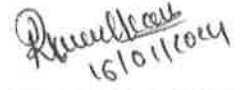

**For KARNATAKA ANTIBIOTICS  
& PHARMACEUTICALS LIMITED**

**AUTHORISED SIGNATORY  
PURCHASE DEPT.**

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<b>KARNATAKA ANTIBIOTICS &amp; PHARMACEUTICALS LIMITED, DHARWAD</b>			
	<b>QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION</b>	Specification No.	AYUR/EX/039-02
		Supersedes No.	AYUR/EX/039-01
		Compendia	API/IHS
		Review Date	16 JAN 2026
<b>AYURVEDIC RAW MATERIAL SPECIFICATION</b>			
Material Name:	<b>Bringhraj – Eclipta alba (Wh.Pl.) – Thick Paste Extract 6:1</b>		<b>ITEM CODE: 1AY0007</b>

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	<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:	 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/040-02
Supersedes No.	AYUR/EX/040-01
Compendia	API/IHS
Review Date	16 JAN 2026

**AYURVEDIC RAW MATERIAL SPECIFICATION**

<b>Material Name:</b>	<b>Yashtimadhu – <i>Glycyrrhiza glabra</i>(Rt.)(St.) – Thick Paste Extract 3:1</b>	<b>ITEM CODE: 1AY0009</b>
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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	

<b>Effective Date :</b> 17 JAN 2024	<b>Prepared by:</b> QC (Analyst) Mr.Sangameshwar K.	<b>Checked by:</b> M (Ayush) Dr.Praveen Kulkarni	<b>Approved by:</b> Sr.M (Ayush) Dr.Nilesh Gawas
<b>Date &amp; sign:</b>			

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**KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD**



**QUALITY CONTROL  
DEPARTMENT  
AYURVEDIC DIVISION**

Specification No.	AYUR/EX/048-02
Specification No.	AYUR/EX/048-01
Compendia	API/IHS
Review Date	16 JAN 2026


**AYURVEDIC RAW MATERIAL SPECIFICATION**

<b>Material Name:</b>	Dadima – <i>Punica granatum</i> (Fr.) – Thick Paste Extract 4:1	<b>ITEM CODE:</b> 1AY0017
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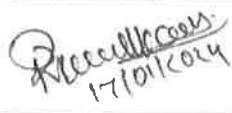

SL.NO.	TEST PARAMETERS	SPECIFICATION	TEST REFERENCE
1	Description	Dark brown colour thick paste characteristic odour, bitter & sour in taste.	Visual & Organoleptic
2	Solvent used for extraction	Aqueous	-
3	pH(1% Aqueous solution)	4.0 – 7.0	API Part I Vol IX
4	Total Ash	NMT 5.0%	API Part I Vol IX
5	Acid 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 API	API Part I Vol IV
8	Assay i) Polyphenols by UV-VIS Spectrophotometer	NLT 5.0%	API Part I Vol VI
	ii) Ellagic Acid by HPLC	NLT 1.0%	IHS
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	

<b>Effective Date :</b> 17 JAN 2024	<b>Prepared by:</b> QC (Analyst) Mr.Sangameshwar K.	<b>Checked by:</b> M (Ayush) Dr.Praveen Kulkarni	<b>Approved by:</b> Sr.M (Ayush) Dr.Nilesh Gawas
<b>Date &amp; sign:</b>	 16/01/2024	 16/01/2024	 16/01/24

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<b>KARNATAKA ANTIBIOTICS &amp; PHARMACEUTICALS LIMITED, DHARWAD</b>			
	<b>QUALITY CONTROL DEPARTMENT AYURVEDIC DIVISION</b>	Specification No.	AYUR/EX/059-02
		Supersedes No.	AYUR/EX/059-01
		Compendia	API/IHS
		Review Date	17 JAN 2026
<b>AYURVEDIC RAW MATERIAL SPECIFICATION</b>			
<b>Material Name:</b>	<b>Kalmegha – <i>Andrographis paniculata</i>(Lf.) – Thick Paste Extract 10:1</b>		<b>ITEM CODE: 1AY0033</b>

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 : <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	 17/01/24

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**KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED, DHARWAD**



**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 – <i>Azadirachta indica</i> (St.Bk.) – Thick Paste Extract 10:1	ITEM CODE: 1AY0065
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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	<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>19 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:	 18/01/2024	 18/01/2024	 18/01/24