

Laboratory **Amar Pharmaceuticals & Labs (India) Pvt. Ltd. (Test Lab), 107, B-2, Dada Nagar, Kanpur, Uttar Pradesh**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6397**

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Validity **12.10.2017 to 11.10.2019**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**BIOLOGICAL TESTING**

<b>I. AYUSH PRODUCTS (AYURVEDIC / UNANI DRUGS)</b>				
<b>1.</b>	<b>Churna/ KwathaChurna/ Avaleha / Pak Rasayan/ Guggulu/Pills/ VatiRasa/ Bhasma/ Louha/ Mandoor/ Phisti/ Parpati Tablet/ Capsule/ Marham Ointment</b>	Total aerobic microbial count (TBC)	Ayurvedic Pharmacopeia of India 2009: Part – I, Vol. VI, Page- 275	≥10 cfu/gm.
		Total Yeast and mold count (TFC)	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	≥10 cfu/gm
		E. coli	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
		Salmonella	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
		S.aureus	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
		Pseudomonas aeruginosa	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
<b>2.</b>	<b>Syrup/Ark/ Sharbat/ Asava/ Aristha</b>	Total aerobic microbial count (TBC)	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	≥10cfu/ml
		Total Yeast and mold count (TFC)	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	≥1 cfu/ml
		E. coli	Ayurvedic Pharmacopeia of India2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.

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		Salmonella	Ayurvedic Pharmacopeia of India 2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
		S.aureus	Ayurvedic Pharmacopeia of India 2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
		Pseudomonas aeruginosa	Ayurvedic Pharmacopeia of India 2009: Part – I, Vol. VI, Page- 275	Qualitative (Present/Absent)/gm.
II.	<b>WATER</b>			
1.	<b>Drinking Water/ Packaged Natural Mineral Water, Packaged Drinking Water</b>	Coliform bacteria Faecal Coliform	IS 1622: 1981 (RA 2009) and IS 13428:2005	< 2 to >1600 MPN/100ml
		Escherichia coli	IS 1622: 1981 (RA 2009)	Qualitative (Present or Absent)
		Salmonella spp.	IS 15187 : 2016	Qualitative (Present or Absent)
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2013)	Qualitative (Present or Absent)

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**CHEMICAL TESTING**

<b>I. HERBAL PRODUCTS (AYURVEDIC / UNANI MEDICINE)</b>				
1.	<b>Churna/ Kwatha Churna Avaleha/ Pak Rasayan Guggulu/ Pills/ Vati Rasa/ Bhasma/ Louha/ Mandoor/ Phisti/ Parpati Tablet/ Capsule Marham Ointment</b>	Loss on drying at 105°C	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 243-244	0.02 % to 35%
2.	<b>Churna/ KwathaChurna Avaleha / Pak Rasayan Guggulu /Pills/ VatiRasa/Bhasma/ Louha/Mandoor/ Phisti/ Parpati Tablet/ Capsule</b>	Total Ash	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 242	0.01 % to 98 %
		Acid Insoluble Ash	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 242	0.02 % to 95 %
		Alcohol Soluble Extractive	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 243	0.5 % to 65 %
		Water Soluble Extractive	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 243	0.5 % to 85 %
3.	<b>Churna/ Kwatha Churna Avaleha / Pak Rasayan Guggulu /Pills/ Vati Tablet/ Capsule Asava / Aristha/ Marham/ Ointment/</b>	pH 1% or 10% (aq. Solution)	Laboratory guide for the analysis of Ayurveda & Siddha formulations (CCRAS 2010), Page no.42-46	1 t o 14

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4.	Syrup / Sharbat Tablet/ Capsule	Average Weight	Laboratory guide for the analysis of Ayurveda & Siddha formulations (CCRAS 2010), Page no.63-65	Upto 700 mg
		Disintegration Time	Laboratory guide for the analysis of Ayurveda & Siddha formulations (CCRAS 2010), Page no.65	1 min to 100 min
		Friability	Laboratory guide for the analysis of Ayurveda & Siddha formulations (CCRAS 2010), Page no.66	0 to 95 %
5.	Marham Ointment	Rancidity Test	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 301	Qualitative
6.	Avaleha / Pak Rasayan/ Asava / Aristha/ Syrup / Sharbat	Total Sugar	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 336-342 I.S.I Handbook of food analysis 1984 (Part II) page no-36	Upto 90 %
		Reducing Sugar	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 336-342 I.S.I Handbook of food analysis 1984 (Part II) page no-36	Upto 90 %
		Specific Gravity / weight per ml	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 290-291	0.995 to 1.500
7.	Araq or Arka Asava / Aristha	Refractive Index	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI,	1.33 to 1.49

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	Taila / Ghrita	Total Solids	Page- 290 Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 298	0 to 95 %
8.		Asava / Aritha Syrup / Sharbat	Non-Reducing Sugar	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 336-342 I.S.I Handbook of food analysis 1984 (Part II) page no-36
9.	Taila / Ghrita	Saponification Value	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 298	Upto 350
		Acid value	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 300	Upto 40
		Iodine Value	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 299-300	Upto 150
		Mineral Oil	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 301	Qualitative
		Peroxide Value	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 300	Upto 15
10.	Herbal Products (Ayurvedic / Unani Medicine)	Arsenic	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 264-265	200 µg/kg to 1200 µg/kg
		Lead	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 263	200 µg/kg to 1200 µg/kg
		Mercury	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 265	40 µg/kg to 400µg/kg

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		Cadmium	Ayurvedic Pharmacopeia of India 2009, Part – I, Vol. VI, Page- 264	80 µg/kg to 1000µg/kg
<b>II.</b>	<b>WATER</b>			
<b>1.</b>	<b>Bore well, Tube Well, Drinking, Potable &amp; Domestic Water</b>	Total Hardness	IS 3025 (Part 21): 2009 (RA 2002)	1 mg/l to 1000 mg/l
		Total Acidity	IS 3025 (Part 22): 1986 (RA 2002)	0.5 mg/l to 1000 mg/l
		pH (as such)	IS 3025 (Part11): 1983 (RA 2002)	1 to 14.0
		Alkalinity	IS 3025 (Part 23): 1986 (RA 2003)	0.5 mg/l to 1000 mg/l
		Cadmium	IS 3025 (Part 2) (2004)	0.01 mg/l to 50 mg/l
		Lead	IS 3025 (Part 2) (2004)	0.05 mg/l to 50 mg/l
		Arsenic	IS 3025 (Part 2) (2004)	0.05 mg/l to 10 mg/l
		Calcium	IS 3025 (Part 40): 1991 (RA 2003)	0.2 mg/l to 1000 mg/l
		Magnesium	IS 3025 (Part 46): 1994 (RA 2003)	1 mg/l to 1000 mg/l
		Iron	IS 3025 (Part 2) (2004)	0.05 mg/l to 50 mg/l
		Total suspended solids	IS 3025 (Part 17): 1984	1 mg/l to 2000mg/l