

Laboratory	Maharishi Ayurveda Products Pvt. Ltd., Plot No. 17-18, Noida Special Economic Zone, Nodia, Uttar Pradesh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	14.10.2013
Certificate Number	T-2078	Valid Until	13.10.2015
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S.No.	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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I. DRUGS & PHARMACEUTICALS

1. TABLET	PHYSICO-CHEMICAL PARAMETERS		
	Loss on drying at 105°C	A.P.I Part 2nd Vol 1 PP 141	0.1-15% w/w
	Disintegration time	I.P. 2010 Vol 1 PP 188	1-120 min.
	Friability	I.P. 2010 Vol 1 PP 193	0-5 % w/w
	Total ash	A.P.I Part 2nd Vol 1 PP 140	0.01 - 50% w/w
	Acid insoluble ash	A.P.I Part 2nd Vol 1 PP 141	0.01- 50% w/w
	pH (1% aqueous extract)	AOAC (19th Ed.) (973.41)	3.0-9.0
	TRACE METALS		
	Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
	Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg	
Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg	
2. SYRUP	PHYSICO-CHEMICAL PARAMETERS		
	Total solids	AOAC (19th Ed.) (990.19)	1 - 80 % w/w
	pH (as such)	AOAC (19th Ed.) (973.41)	3.0-9.0
	Total sugar	IS:4941-1994 (Reaffirmed 2002)	10- 90 % w/w
Specific gravity at 30°C	A.P.I Part 2nd Vol 1 PP 190	0.1 to 2	

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		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
3.	CAPSULE	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	A.P.I Part 2nd Vol 1 PP 141	0.1-15% w/w
		pH (1% aqueous extract)	AOAC (19th Ed.) (973.41)	3.0-9.0
		Total ash	A.P.I Part 2nd Vol 1 PP 140	0.01 - 50% w/w
		Acid insoluble ash	A.P.I Part 2nd Vol 1 PP 141	0.01- 50% w/w
		Water soluble extractive	A.P.I Part 2nd Vol 1 PP 141	1-60% w/w
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg

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4.	KASHAYA	PHYSICO-CHEMICAL PARAMETERS		
		Total solids	AOAC (19th Ed.) (990.19)	1- 80 % w/w
		Total ash	A.P.I PART 2ND VOL 1 PP 140	0.01 - 50% w/w
		Specific gravity at 30°C	A.P.I PART 2ND VOL 1 PP 190	1.0-2.0
		pH (as such)	AOAC (19th Ed.) (973.41)	3.0-9.0
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
5.	ASAV & ARIST	PHYSICO-CHEMICAL PARAMETERS		
		Total solids	AOAC (19th Ed.) (990.19)	1- 80 % w/v
		Specific gravity at 30°C	A.P.I PART 2ND VOL 1 PP 190	1.0-2.0
		Reducing sugar	IS:4941-1994 (Reaffirmed 2002)	1-60% w/w
		Non-reducing sugar	IS:4941-1994 (Reaffirmed 2002)	0.1 -10% w/w
		pH (as such)	AOAC (19th Ed.) (973.41)	3.0-9.0
		Alcohol	A.P.I PART 2ND VOL 1 PP 204	1-20% w/w

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		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
6.	POWDER	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	A.P.I Part 2nd Vol 1 PP 141	0.1-15% w/w
		Total ash	A.P.I Part 2nd Vol 1 PP 140	0.01 - 50% w/w
		Acid insoluble ash	A.P.I Part 2nd Vol 1 PP 141	0.01- 50% w/w
		Water soluble extractive	A.P.I Part 2nd Vol 1 PP 141	1-60% w/w
		pH (1% aqueous extract)	AOAC (19th Ed.) (973.4)	3.0-9.0
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg

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7.	FATTY MATERIAL (BALM)	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	IS:548(Part-I)1964 (Reaffirmed 2006)	0.1-50% w/w
		Acid value	IS:548(Part-I)1964 (Reaffirmed 2006)	0.05 - 60
		Saponification value	IS:548(Part-I)1964 (Reaffirmed 2006)	80 - 250
		Ester value	I.P. 2010 VOL 1 PP 85	50-200
		Melting point	I.P. 2010 VOL 1 PP 141	40-250°C
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
II.	FOOD & AGRICULTURAL PRODUCTS			
1.	PASTE CHWAYANPRASH	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	A.P.I Part 2nd Vol 1 PP 141	0.1-15%
		Total sugar	IS:4941-1994 (Reaffirmed 2002)	10 -90 % w/w
		Total lipids	AOAC (19th Ed.) (989.05)	1 - 20 % w/w
		Total ash	A.P.I Part 2nd Vol 1 PP 140	0.01 - 50% w/w

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		Acid insoluble ash	A.P.I Part 2nd Vol 1 PP 141	0.01- 50% w/w
		pH (1% aqueous extract)	AOAC (19th Ed.) (973.41)	3.0-9.0
		Crude fibre	IS:1797-1985 (Reaffirmed 2001)	0.1 to 50 % w/w
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
2.	OIL & FATS	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	IS:548(Part-I)1964 (Reaffirmed 2006)	0.01-15% w/w
		Refractive index at 40°C	IS:548(Part-I)1964 (Reaffirmed 2006)	1.3 to 1.7
		Acid value	IS:548(Part-I)1964 (Reaffirmed 2006)	0.05 - 60
		Saponification value	IS:548(Part-I)1964 (Reaffirmed 2006)	80 - 250
		Iodine value	IS:548(Part-I)1964 (Reaffirmed 2006)	20 -200

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		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg
3.	TEA & COFFEE	PHYSICO-CHEMICAL PARAMETERS		
		Loss on drying at 105°C	A.P.I Part 2nd Vol 1 PP 141	0.1-15% w/w
		Total ash	A.P.I Part 2nd Vol 1 PP 140	0.01 - 50% w/w
		Acid insoluble ash	A.P.I Part 2nd Vol 1 PP 141	0.01- 50% w/w
		Boiling water soluble extractive	AOAC (19th Ed.) (920.104)	1-60% w/w
		pH (1% aqueous extract)	AOAC (19th Ed.) (973.41)	3.0-9.0
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg

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III. COSMETICS & ESSENTIAL OILS				
1.	SOAP	PHYSICO-CHEMICAL PARAMETERS		
		Total fatty matter	IS:286 (1978) (Reaffirmed 1991)	10 -90 % w/w
		Free caustic alkali	IS:286 (1978) (Reaffirmed 1991)	0 .01-10 %w/w
		Chloride (as NaCl)	IS:286 (1978) (Reaffirmed 1991)	0.01-10 % w/w
		Matter insoluble in alcohol	IS:286 (1978) (Reaffirmed 1991)	0.01-10 % w/w
2.	SHAMPOO HERBAL	PHYSICO-CHEMICAL PARAMETERS		
		Foam height	IS:7884 (2004)	50-200mm
		pH (as such)	IS:7884 (2004)	3.0-9.0
		Volatile matter	IS:286 (1978) (Reaffirmed 1991)	0.5-20% w/w
		Inorganic salts	A.P.I PART 2ND VOL 1 PP 140	0.5-20% w/w
3.	TOOTH PASTE	PHYSICO-CHEMICAL PARAMETERS		
		pH (aqueous suspension)	IS :6356 (2001) (Reaffirmed 2006)	3.0-9.0
		Foaming power	IS :6356 (2001) (Reaffirmed 2006)	50-200 ml

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		Fluoride ion	IS :1767 (1980) (Reaffirmed 2006)	1-50 mg/kg
		TRACE METALS		
		Lead	AOAC (19th Ed.) (999.11)	0.01-20 mg/kg
		Arsenic	AOAC (19th Ed.) (986.15)	0.01-10 mg/kg
		Cadmium	AOAC (19th Ed.) (999.11)	0.01-10 mg/kg
		Mercury	AOAC (19th Ed.) (952.14)	0.01-5 mg/kg

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