Bioprex Labs

EMBLICA OFFICINALIS
(**Amla**)

Chemical Constituents : Major chemicals are Tannins (gallic acid, elagic acid, phyllemblic acid and emblicol) and vitamin 'C' along with major qualities of alkaloids (Phyllantidine and phyllantine)

Pharmacology :

- Amla is an antioxidant with free radical scavenging properties due to the presence of high level super oxide dismutage.
- It has shown an increase in the cardiac glycogen and decrease in serum GOT, GPT and LDH suggesting a cardio protective action.
- The extract nourishes and prevents ageing.

Therapeutic use :

- Anti oxidant, Antacid.
- Useful in dyspepsia, constipation, piles, enlarged liver and spleen.
- It is considered as one of the foremost rejuvenative drugs imparting a long healthy life and weight gain.

Standardisation : Emblica officinalis dry extract is standardized to 30% Tannins.

ANALYTICAL SPECIFICATION		Bioprex Labs
S.No	**Parameters**	**Specification**
01.	Description	Light Brown Powder
02.	Organoleptic tests Odour	 Astringent & Sour
03	Solubility in water in alcohol	 Soluble Insoluble
04	Heavy Metals	NMT 20 PPM
05	Assay (on dried basis) Tannins by Titrimetry	NLT 30% w/w
06	**Microbiological Profile :**	

	Total Plate Count	< 1000 cfu / g
	Yeast & Moulds	< 100 cfu /g
	Salmonella & E.Coli	Negative
	Coliforms	Negative

PRODUCT SPECIFICATIONS : Phyllanthus emblica (Fresh Amala Juice) Dry Extra-20% Spray Dried Powder		
S.No	**Parameters**	**Specification**
01.	Description	Off white to Cream colored powder
02.	Organoleptic tests Odour taste	 Astringent Sour
03.	Identification-Test for Tannins by Ferric chloride solution	Positive
04.	Loss on Drying (at 105^0C)	NMT 6% w/w
05.	Ash content	NMT 10% w/w
06.	Solubility in water in alcohol (50%)	 NLT 80% w/v NLT 70% w/v
07.	Heavy Metals	NMT 20 PPM
08.	Assay (on dried basis)Tannins by Titrimetry Vitamic C (as per IP method)	NLT 20% w/w NLT 20% w/w
09.	**Microbiological Profile :**	
	9.1Total Plate Count	< 1000 cfu / g
	9.2 Yeast & Moulds	< 100 cfu /g
	9.3 Salmonella &E.Coli	Negative
	9.4 Coliforms	

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