

Bioprex Labs

COLEUS FORSKOLIN (Coleus)



Chemical constituents : Forskolin is the main active constituent. Other minor constituents are de-acetyl forskolin, deoxy-forskolin and volatile oil.

Pharmacology : Forskolin – an active diterpenoid present in Coleus forskohlii root activates the enzyme adenylate cyclase which in turn initiates a myriad of critical events and processes within all the cells of the human body. Adenylate cyclase and the chemicals activated by it are responsible for executing a various hormonal processes. Forskolin induced stimulation may lead to blood vessel dilation, inhibition of allergic reactions and possibly an increased secretion of thyroid hormone.

Therapeutic uses:

- Forskolin is used in the treatment of congestive cardiomyopathy, glaucoma & bronchial asthma.
- It is also used as anti-hypertensive, anti-thrombotic and broncho-spasmodic.

Standardisation : Coleus forskohlii extract is standardized to 10%, 20% and 40% Forskolin by HPLC.

ANALYTICAL SPECIFICATION		Bioprex Labs
S.No	Parameters	Specification
01.	Description	Reddish Brown Power
02	Solubility in water in alcohol	Insoluble NLT 90% W/V
03	Heavy Metals	NMT 20 PPM
04	Assay (on dried basis) Forskolin by HPLC	NLT 20% w/w
05	Microbiological Profile :	
	Total Plate Count	< 1000 cfu / g
	Yeast & Moulds	< 100 cfu /g
	Salmonella & E.Coli	Negative
	E.Coli	Negative