

Bioprex Labs

CASSIA ANGUSTIFOLIA
(Senna)



Chemical constituents : The main constituents in Senna leaves & Pods are Sennosides A & B. In addition, Sennosides C and D are also found in negligible amounts. Free anthraquinones including aloë-emodin, chrysophanol and rhein with their glycosides.

Pharmacology : The sennosides and other anthroquinone derivatives possess a laxative effect. Sennosides specifically influence large intestinal motility. Acceleration of colonic transport seems to be a major component of the laxative action. Anthraquinone works by irritating the lining of the upper intestines which provokes reflex muscular activity in the colon resulting in a bowel motion.

Therapeutic uses :

- Senna is used as natural & time tested laxative.
- Senna is a powerful cathartic used in the treatment of constipation, working through a stimulation of intestinal peristalsis.

Standardisation : Senna extract is standardized to 10%, 15%, 20% and 60% Calcium sennosides.

ANALYTICAL SPECIFICATION		Bioprex Labs
PRODUCT SPECIFICATIONS : Senna dry extract/ calcium sennosides - 20% (BP)		
S.No	Parameters	Specification
01.	Description	Pale brown coloured Powder
02	Loss on Drying (at 105 °C)	NMT 5% w/w
03	Residue on Ignition (ROI)	NMT 16% w/w
04	Solubility in water in alcohol	Soluble 50% w/v
05	Heavy Metals	NMT 20 PPM
06	Assay (on dried basis) Total Sennosides by UV- Spectro Photometer	NLT 20% w/w
Other Grades Offered: 10% & 15% Sennosides & 60% Sennosides as per USP		

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