

TECHNICAL DATA SHEET

Senna Leaf Extract

20% Sennosides HPLC

Chemical Properties

Plant source: *Cassia angustifolia*

Used part: Leaf

Extract Solvent: Ethanol & Water

Description

Senna because of their cathartic properties have traditionally been considered a "clean" herbs. More modern studies have shown that Senna in the treatment of constipation is very effective. Leaves and pods or fruit can be used for medicine.

Solubility

It is difficult to dissolve in water.

Specification

Item	Specification	Test Method
Appearance	Brown Fine Powder	Organoleptic
Odor	Characteristic	Organoleptic
Identification	The peak time of sample is similar to the standard	HPLC
Sennosides A+B	Min 20%	
Sennosides A		HPLC
Sennosides B		
Loss on Drying	Max 6.0%	Eur.Ph.7.0 [2.8.17]
Total ash	Max 5.0%	Eur.Ph. <2.4.16>
Partical Size	Min 95% through 80 mesh	USP <786>
Heavy Metals	Max 10ppm	Colorimetry
Lead	Max 2ppm	Eur.Ph. <2.2.58>ICP-MS
Arsenic	Max 1ppm	Eur.Ph. <2.2.58>ICP-MS
Total Plant Count	Max 1000cfu/g	USP36 <2021>
Yeast & Mold	Max 100cfu/g	USP36 <2021>
<i>E. Coli</i>	Negative	USP36 <2022>
<i>Salmonella</i>	Negative	USP36 <2022>
<i>Staphylococcus</i>	Negative	USP36 <2022>

Functions

- 1) With the function of laxation;
- 2) With the function of relaxating muscle;

- 3) With the function of antibacterial, such as inhibiting staphylococcus aureus, salmonella typhi and Escherichia coli;
- 4) With the function of stop bleeding, increasing platelet and fibrinogen

Applications

Applied in food field, in health product field, and in pharmaceutical field

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Packaging, Storage & Shelf Life

Package	25kg/drum, packed in paper-drums and two plastic-bags inside; or according to customers' requirements.
Storage	Store in a well-closed container Away from moisture, light, oxygen.
Shelf Life	24 months under the conditions above and in its original packing