

TECHNICAL DATA SHEET

Senna Leaf Extract

30% Sennosides UV

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	Identical to R.S. sample	HPTLC
Sennosides	Min 30.0%	UV
Loss on Drying	Max 5.0%	Eur.Ph.7.0 [2.8.17]
Total ash	Max 10.0%	Eur.Ph.7.0 [2.4.16]
Sieve analysis	100% through 80 mesh	USP <786>
Bulk density	40~60g/100mL	Eur.Ph.7.0 [2.9.34]
Tap density	60~90g/100mL	Eur.Ph.7.0 [2.9.34]
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph 7.0<2.4.24>
Lead	Max 3.0ppm	Eur.Ph. <2.2.58>ICP-MS
Arsenic	Max 2.0ppm	Eur.Ph. <2.2.58>ICP-MS
Cadmium	Max 1.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Mercury	Max 0.1ppm	Eur.Ph.7.0<2.2.58>ICP-MS
Pesticides Residue	Meet USP Requirements	USP
Non-Irradiation	Max 700	EN13751:2002<PSL>
Total Plant Count	Max 1000cfu/g	USP36 <61>
Yeast & Mold	Max 100cfu/g	USP36 <61>
<i>E.Coli</i>	Negative	USP36 <62>
<i>Salmonella</i>	Negative	USP36 <62>

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; or according to customers' requirements.
Storage	Store in a well-closed container Away from moisture, light, oxygen.
Shelf Life	2 years if sealed and stored properly.