



SPECIALITY - STANDARDISED HERBAL EXTRACT

Senna Extract - Sennosides

Senna alexandrina Mill. (*Cassia angustifolia*) - Leaves and pods

Standardised senna extract assayed for sennosides (calculated as Sennoside B). CTA produces both ethanol-grade and methanol-grade sennoside extracts across the full standardisation range, with assay by UV and HPLC to USP methodology.

AVAILABLE GRADES

Ethanol grade - all %

Methanol grade - all %

Sennosides 5%

10%

20%

40%

60%

TYPICAL SPECIFICATIONS

Botanical source	Senna alexandrina Mill. (<i>Cassia angustifolia</i>) - leaves / pods
Active marker	Sennosides (calculated as Sennoside B)
Standardisation	5% / 10% / 20% / 40% / 60% sennosides
Extraction grade	Ethanol-extracted and methanol-extracted grades
Assay method	UV / HPLC (USP)
Appearance	Yellowish-brown to brown powder
Solubility	Partially water-soluble; soluble in dilute alkali
Particle size	100% through 80 mesh (typical)
Loss on drying	Not more than 5.0%
Heavy metals	Lead, Arsenic, Cadmium, Mercury - conform to USP <232> / FSSAI / EP limits
Microbiology	TPC <= 10,000 cfu/g; Yeast & Mould <= 500 cfu/g; Coliforms <= 10 cfu/g; E. coli & Salmonella - absent
Pesticide residues	Within IP / USP / EP limits
Residual solvents	Within ICH Q3C limits for solvent-extracted grades
Packing	25 kg HDPE / fibre drums with double food-grade LDPE liner. Sample and pilot quantities on request.
Storage	Store cool and dry below 25 C, RH < 60%, away from light. Shelf life 36 months unopened.