



SPECIALITY - STANDARDISED HERBAL EXTRACT

Fenugreek Extract - Saponins 50%

Trigonella foenum-graecum L. - Seed

Fenugreek seed extract standardised to 50% saponins, used in metabolic, sports-nutrition and wellness formulations. Lower-marker grades and 4-hydroxyisoleucine grades are available against a documented buyer requirement.

AVAILABLE GRADES

50% saponins

20-60% on request

4-hydroxyisoleucine grade on request

TYPICAL SPECIFICATIONS

Botanical source	Trigonella foenum-graecum L. - seed
Active marker	Total saponins (furostanol / steroidal saponins)
Standardisation	50% saponins (20-60% range available)
Assay method	Gravimetry / UV
Appearance	Yellowish-brown to brown fine powder
Solubility	Water-dispersible
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.