



SPECIALITY - STANDARDISED HERBAL EXTRACT

Licorice Extract - Glycyrrhizin 5%

Glycyrrhiza glabra L. - Root

Licorice (mulethi) root extract standardised to 5% glycyrrhizin, suitable for nutraceutical, food, beverage and oral-care applications. Higher-marker and deglycyrrhizinated grades available against a documented requirement.

AVAILABLE GRADES

5% glycyrrhizin

10-20% on request

DGL grade on request

TYPICAL SPECIFICATIONS

Botanical source	Glycyrrhiza glabra L. - root
Active marker	Glycyrrhizin (glycyrrhizic acid)
Standardisation	5% glycyrrhizin (higher grades on request)
Assay method	UV / HPLC
Appearance	Light brown to brown fine powder
Solubility	Water-soluble
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.