



SPECIALITY - STANDARDISED HERBAL EXTRACT

Ashwagandha Extract - Withanolides

Withania somnifera (L.) Dunal - Root (root & leaf option)

Ashwagandha root extract standardised for withanolides across 1%, 2.5%, 5% and 10% grades, assayed by HPLC. Available as full-spectrum root extract and as higher-marker concentrates for capsule, tablet and functional formats.

AVAILABLE GRADES

1% withanolides

2.5% withanolides

5% withanolides

10% withanolides

TYPICAL SPECIFICATIONS

Botanical source	Withania somnifera (L.) Dunal - root (root & leaf option)
Active marker	Total withanolides
Standardisation	1% / 2.5% / 5% / 10% withanolides
Assay method	HPLC (gravimetry option)
Appearance	Off-white to light brown fine powder
Solubility	Water-soluble / dispersible (grade-dependent)
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.