

SPECIFICATION

Product Name: Ginseng Root Extract 4:1
Chemical Formula: N/A
CAS Number: N/A
Molecular Weight: N/A
Appearance: Brown colour powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Assay/ Extract Ratio	-	Complied	4:1
Loss on drying	%	2.19%	≤4.0%
Sieve Analysis	-	Complied	Pass 81 mesh
Bulk Density	g/ml	49.5g/100ml	44-54g/100mL
Heavy metal	PPM	Complied	NMT 20 PPM
As	PPM	Complied	NMT 2 PPM

Microbiological Test

Total Plate Count	cfu/g	Complied	NMT 5000 cfu/g
Yeast & molds	cfu/g	Complied	NMT 1000 cfu/g
E. coli	-	Complied	Negative
Salmonella	-	Complied	Negative

Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Insoluble in acetone. Insoluble in oils.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry place at 15–25°C, away from direct sunlight, heat, and moisture. Keep the container tightly closed in the original packaging and store in a well-ventilated area to maintain product quality and stability.

Applications

- Use: Widely used as a herbal ingredient in dietary supplements, nutraceuticals, and functional foods. It is traditionally used to support energy, stamina, cognitive function, physical performance, immune health, and overall wellness.
- Dosage: Depends on the intended formulation, extract concentration, and standardized active constituents (such as ginsenosides). It should be used according to product formulation requirements or as directed by a qualified healthcare professional. The appropriate dosage varies based on the product type, intended use, age, and individual health needs.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner and 1 Kgs or as per customer requirement.
 - Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- * Specifications are based on the manufacturer's provided specifications.