

SPECIFICATION

Product Name: Panax Ginseng Extract 10:1
Chemical Formula: N/A
CAS Number: 50647-08-0
Molecular Weight: 842.96 g/mol
Appearance: Light brown colour powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value
Identification	-	To comply by TLC
Loss on drying	%	NMT 5.0%
Untapped bulk density	g/ml	0.30 to 0.60 g/ml
Tapped bulk density	g/ml	0.40 to 0.80 g/ml
Particle size	-	NLT 95% passing through 40 mesh
Residual pesticides	-	To comply as per USP
Lead	PPM	NMT 3.0 PPM
Arsenic	PPM	NMT 1.0 PPM
Cadmium	PPM	NMT 0.5 PPM
Mercury	PPM	NMT 0.1 PPM
Total aflatoxin (B1, B2, G1, G2)	Ppb	NMT 4 ppb
Aflatoxin B1	Ppb	NMT 2 ppb
Poly Aromatic Hydrocarbons (PAHs)	Ppb	NMT 50 ppb

Benzo (a) pyrene	Ppb	NMT 10 ppb
Ethanol	PPM	NMT 4000 PPM
Other solvents	-	Nil
Microbiological Test		
Total plate count	cfu/g	NMT 1000 cfu/g
Total yeast & mold count	cfu/g	NMT 100 cfu/g
E. coli	Absent/g	Absent/10g
Salmonella spp.	Absent/g	Absent/10g
Coliforms	Absent/g	Absent/10g
Staphylococcus aureus	Absent/g	Absent/10g
Pseudomonas aeruginosa	Absent/g	Absent/10g

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 and nutraceutical formulations. It is traditionally used to support energy, stamina, cognitive function, physical performance, and overall wellness. It is also valued for its antioxidant properties and its role in helping the body adapt to physical and mental stress.
- Dosage: Depends on the intended formulation, extract concentration, and standardized ginsenoside content. It should be used according to product formulation requirements or as directed by a qualified healthcare professional.

Packaging



RAWPHARMA BIZ PRIVATE LIMITED

1101-CITY CENTRE-2, SCIENCE CITY ROAD,
SOLA, AHMEDABAD, GUJARAT, 380060

Mobile: +91-8320310672

E-mail: info@rawpharmabiz.com

Website: www.rawpharmabiz.com

- 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.

