

SPECIFICATION

Product Name: Ashwagandha Root Powder Food Grade
Chemical Formula: N/A
CAS Number: N/A
Molecular Weight: N/A
Appearance: Brownish colour powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Moisture	%	4.62%	NMT 7%
Sieve Analysis	-	Complies	NLT 97.0% w/w pass through 60 mesh
Arsenic	PPM	Complies	NMT 1.0 PPM
Cadmium	PPM	Complies	NMT 1.0 PPM
Lead	PPM	Complies	NMT 1.0 PPM
Mercury	PPM	Complies	NMT 1.0 PPM

Microbiological Analysis

Total Plate Count	cfu/gm	Complies	As Actual cfu/gm
E. coli	-	Complies	Absent
Salmonella	-	Complies	Absent
Yeast & Mold count	cfu/gm	Complies	<100 cfu/gm
Total Coliforms	cfu/gm	Complies	<10 cfu/gm

Clostridium Pefringens	-	Complies	Absent
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Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. 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. Protect from moisture, excessive heat, and direct sunlight. Keep the container tightly closed in the original, properly labeled container and store in a well-ventilated area to preserve product quality, aroma, and active constituents. Avoid exposure to humidity to prevent caking and microbial contamination.

Applications

- Use: Widely used as a herbal ingredient in dietary supplements, nutraceuticals, functional foods, and traditional herbal formulations. It is traditionally used to support stress management, relaxation, energy, stamina, endurance, cognitive function, immune health, and overall well-being.
- Dosage: Depends on the intended use, product formulation, and individual health needs.

Packaging

- Standard Packing: 25 Kgs woven pp bag with inner liner 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.