

## Technical Data sheet

**Product Name:** Ashwagandha Extract  
**Botanical source:** *Withania Somnifera*.  
**Active ingredients:** Salidroside (Rhodioloside), Rosavin  
**Specification:** 1%-5% Withanolids  
**Grade:** Health-care product grade  
**Part used:** Root  
**Appearance:** Brown yellow powder  
**Test method:** HPLC



### Introduction:

*Withania somnifera*, known commonly as ashwagandha, Indian ginseng, poison gooseberry, or winter cherry, is a plant in the Solanaceae or nightshade family. Several other species in the genus *Withania* are morphologically similar. It is used as an herb in Ayurvedic medicine. This species is a short shrub growing 35 to 75 centimeters tall. Tomentose branches extend radially from a central stem. The flowers are small and green. The ripe fruit is orange-red.

Ashwagandha is a plant. The root and berry are used to make medicine. Ashwagandha has a lot of uses. But so far, there isn't enough information to judge whether it is effective for any of them.

The name Ashwagandha is from the Sanskrit language and is a combination of the word ashva, meaning horse, and gandha, meaning smell. The root has a strong aroma that is described as "horse-like."

In Ayurvedic, Indian, and Unani medicine, ashwagandha is described as "Indian ginseng." Ashwagandha is also used in traditional African medicine for a variety of ailments.

### Function:

- 1) Prevent cancer and protection of the cardiovascular;
- 2) Anti-ultraviolet radiation, Anti-aging and enhancing immunity;
- 3) Suppression mutagenesis and improving skin allergies;
- 4) Improving a variety of body tissues;
- 5) Prevent osteoporosis, lower blood pressure, relieve asthma;
- 6) Prevent prostatic hyperplasia, prostatitis and other urological diseases;
- 7) Improve sperm quality, reduce the risk of infertility.



**Application:**

1. As Food and Beverage ingredients.
2. As Healthy Products ingredients.
3. As Nutrition Supplements ingredients.
4. As Pharmaceutical Industry & General Drugs ingredients.

**Technical specification:**

Product Name	Ashwagandha Extract
Latin Name	<i>Withania Somnifera</i>
Part used	Root
Country of Origin	China
<b>Analysis</b>	<b>Specification</b>
Appearance	Brown yellow powder
Odor/Taste	Characteristics
Partical Size	100% through 80 meshes
Loss on Drying	≤5.0%
Ash	≤5.0%
Assay (Withanolids)	1%-5% tested by HPLC
Heavey Metal	≤10.0 ppm
Lead(Pb)	≤2ppm
Arsenic (As)	≤1ppm
<b>Microbiological</b>	
Total of bacteria	≤10000cfu/g
Yeast & Molds	≤1000cfu/g
Salmgosella	Negative
Coli	Negative

**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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