

TECHNICAL DATA SHEET

American Ginseng Extract Powder

30% UV

Chemical Properties

Plant source: *Panax quinquefolium L.*

Used part: Stem & Leaves

Extract Solvent: Water & Ethanol

Description

American ginseng is a herbaceous perennial plant in the ivy family, commonly used as Chinese or traditional medicine. It is native to eastern North America, though it is also cultivated in China.

Solubility

It is soluble in water and ethanol.

Specification

Item	Specification	Method
Appearance	Yellow fine powder	Organoleptic
Odor & taste	Bitter and characteristic flavor	Organoleptic
Identification	Identical to R.S. sample	TLC
Total ginsenosides	Min 30%	UV
Particle Size	Min 95% pass 100 mesh	CP2015
Loss on Drying	Max 5.0%	CP2015
Ash	Max 5.0%	CP2015
Heavy metals	Max 10ppm	CP2015
Residual of solvent	Max 0.05%	GC
Pesticides		
PCNB(Pentachloronitrobenzene)	Max 10ppb	GC
DDT(p`p-DDE+p`p-DDT+o`p-DDT+p`p-DDD)	Max 10ppb	
BHC(α -BHC+ β -BHC+ γ -BHC+ δ -BHC)	Max 10ppb	
Total Aerobic Count	Max 1000cfu/g	CP2015
Yeast & Mold	Max 100cfu/g	CP2015
<i>E.Coli</i>	Negative	CP2015
<i>Salmonella</i>	Negative	CP2015

Regulatory Information

	Yes	No
Contains GMO based ingredients		√
BSE/TSE-free	√	
Non-irradiation	√	
Suitable for vegetarian	√	
Suitable for vegan	√	

Country of Origin

China

Ingredients

Ginsenosides 30%

Labeling

In the United States and the European Union: American Ginseng Extract Powder

Applications

1. Pharmaceutical raw materials.
2. Food and Drink for health care.
3. Cosmetic.
4. Food additive.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Packaging, Storage & Shelf Life

Package	Packed in paper-drums and two plastic-bags inside, N.W:25kg; or according to customers' requirements.
Storage	Store in a well- closed container Away from moisture,light,oxygen.
Shelf Life	2 years under the conditions above and in its original packing.