



Technical Data sheet

Product Name: Valerian root extract 0.4% Valerate

Botanical source: Valeriana officinalis L.

Country of Origin:China

Specification: Valerian Acid \geq 0.4(%)

Part used: Root

Appearance: Brown Powder

Test method: HPLC

Extraction solvent: Water

Sterilization Method: Heat // NON-IRR/ETO



Introduction:

Valerian Root is a plant native to Europe and Asia. It grows to up to four feet high and has trumpet-shaped flowers. The roots are used medicinally. Although the fresh root is relatively odorless, the dried root has a strong odor that many find unpleasant. Valerian Root Extract has been used for centuries as a perfume and as a mild, relaxing sedative.

Valerian Acid works extract works like a sedative helping you to relax, and to sleep deeply and restfully, reducing night awakenings as well as increasing dream recall the next day. It is also sometimes used for relief from anxiety and stress. It has also been found to be useful for cramping, dysmenorrhea, rheumatic pains, epilepsy, and nerve related high blood pressure.

Function:

1. Be indicated for the relief of insomnia, stress-related anxiety, and nervous restlessness;
2. Be used to ease stomach and menstrual cramps, irritable bowel syndrome (IBS), some of the restlessness that accompanies attention deficit/hyperactivity disorder (ADHD) and migraine symptoms;
3. Be used to treat convulsions from a seizure disorder;
4. Used as a calmant to help people sleep;
5. Easing the tension, anxiety and improving the role of sleep.

Application:

1. As raw materials of drugs for anti-bacterial, anti-depressants, antitumor and sedation, it is widely used in fields of pharmaceutical and health products;
2. As insomnia and other similar symptoms of psychasthenia product raw material, it is widely used in health products industry;
3. As dietary supplements increased therapeutic function, it is widely used in fields of dietary supplement products;



4. As products of sedative and anti-bacterial, they are widely used to add to beauty products in cosmetic industry.

Technical specification:

ITEM	SPECIFICATION
Appearance	Brown Powder
Valerian Acid	≥0.4(%)
Particle Size	≥95(%) through 80 mesh
Total Ash	≤5(%)
Bulk Density	40-60(g/100ml)
Solubility	Water Soluble
Loss on Drying	≤5(%)
Residual Solvent	≤3000(ppm)
Pesticide Residue	Meet the requirements
Heavy Metals	≤10ppm
As	≤2ppm
Pb	≤2ppm
Cd	≤1ppm
Hg	≤1ppm
Microbiological Analysis	
Total Plate Count	≤10000(cfu/g)
Yeast & Mold	≤1000(cfu/g)
E.Coli	Negative
Salmonella	Negative
Staphylococcus	Negative

Packaging Details:

Package: 25kg/drum Polyethylene bag with cardboard drum.

Country of Origin: China

Storage: Store in sealed containers at cool & dry place.

END OF DOCUMENT