



Golden Horizon
Biologics

Golden Horizon (Chengdu) Technology Co.,Ltd.

Specification Data sheet

Product Name: Polypodium Root Extract

Active Ingredient: *Polypodium leucotomos*

Specification: 10:1

Appearance: Brown Yellow powder

Test method: TLC



Main Functions:

- 1.Mop up free radicals and reactive oxygen species (ROS), particularly superoxide anions (these high energy molecules cause direct cell damage and have long been associated with all types of cancer);
- 2.Inhibit the depletion of Langerhans cells;
- 3.Reduce the number of sunburn cells ;
- 4.Protect DNA by inhibiting the formation of cyclobutane pyrimidine dimers (cancer-causing cells) induced by UVB radiation;
- 5.Preserve skin tissue structure by inhibiting the infiltration of mast cells into skin (mast cells release chemicals in the body that cause inflammation, redness and itching).

Applications:

- 1.Applied in food field.it is widely used as functional food additive.
- 2.Applied in health product field, it is widely added into various kinds of health products with the function of preventing rheumatism, adjusting estrogen level and so on.
- 3.Applied in cosmetics field, it is widely added into various kinds of cosmetics with the function of delaying aging.
- 4.Applied in pharmaceutical field,it is widely added into the medicine which can used in treating arthritis and postpartum syndrome.



Technical specification:

ITEM	SPECIFICATIONS
Assay	Ratio 10:1
Appearance	Brown Yellow Fine Powder
Odor & Taste	Characteristic
Sieve	NLT 100% Through 80 mesh
Extract Solvent	Water
Loss on Drying	≤5.0%
Ash	≤5.0%
Heavy Metals	≤20ppm
Arsenic (As)	≤2.0ppm
Plumbum (Pb)	≤3.0ppm
Mercury(Hg)	≤0.5ppm
Cadmium (Cd)	≤1.0ppm
Microbiological Tests	
Total Plate Count	≤10000cfu/g
Yeast & Mold	≤1000cfu/g
E.Coli	Negative
Salmonella	Negative

Packaging Details:

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

Storage: Store in cool & dry place, keep away from strong light and heat.

After opening, please use it immediately; if not, please pack it in vacuum.

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