



Golden Horizon  
Biologics

Golden Horizon (Chengdu) Technology Co.,Ltd.

## Technical Data sheet

**Product Name:** Papaya Leaf Extract

**Botanical source:** *Chaenomeles sinensis* (Thouin) Koehne

**Specification:** Ratio 10:1

**Part used:** Leaf

**Appearance:** Brown yellow fine powder

**Test method:** TLC



Papaya leaf is the leaf of the papaya tree, scientifically known as *Carica papaya*, which can be found in tropical regions of the Americas. The fruit of this tree is considered an exotic delicacy and has a wealth of nutrients and antioxidants. However, the leaves of this tree are also quite impressive and are commonly used in both medicinal and culinary uses. Thanks to the high concentration of papain and other unique enzymes, as well as various phytonutrients and antioxidants, these leaves can be an excellent remedy for a variety of ailments.

### Health benefits:

1. It can prevent liver cells swelling and promote liver cells repairing;
2. killing various kinds of cancer cell, and do not affect normal cell;
3. Expanding blood vessel,
4. Improving brain blood supplying, and reducing and adjusting blood pressure, curing coronary heart disease.
5. Loss weight.

### Appication:

- (1). Applied in food field, it is usually used as food additive;
- (2). Applied in health product field, which can be made into clad sheet (digestive enzyme) and nutriment capsule;
- (3). Applied in cosmetic field, as a kind of raw material, it can mix to get natural cosmetics.



**Technical specification:**

ITEM	SPECIFICATION
Appearance	Brown yellow fine powder
Odor/Taste	Characteristics
Partical Size	95% through 80 mesh
Loss on Drying	≤5.0%
Ash	≤5.0%
Assay	Ratio 10:1 by TLC
Bulk Density	0.4-0.6g/ml
Total Heavy Metals	≤10 ppm
Cadmium (Cd)	≤1 ppm
Mercury (Hg)	≤1 ppm
Lead (Pb)	≤2 ppm
Arsenic (As)	≤2 ppm
Pesticide Residue	Negative
<b>Microbiological Data</b>	
Total of Plate Count	≤10000CFU/g
Yeast and Mold	≤1000CFU/g
Salmonella	Negative
E.coli	Negative

**Packaging Details:**

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

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

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