



Golden Horizon  
Biologics

Golden Horizon (Chengdu) Technology Co.,Ltd.

## Technical Data sheet

**Product Name:** Lemon Juice Freeze Dried Powder

**Botanical source:** *Citrus limonum*(L.)Burm.f.

**Appearance:** Light yellow fine powder

**Active ingredients:** polyphenols & Vitamin C

**Grade:** Food grade

**Part used:** Fruit

**Drying method:** Freeze Dried



### Introduction:

Lemon(*Citrus limon*) is an evergreen small tree and yellow fruit on the tree. Lemon is rich in citric acid and is therefore known as the "citric acid warehouse." Its fruit juice is crunchy and full of aroma. Because of its special acidity, it can only be used as a good seasoning to prepare beverage dishes, cosmetics and medicines. In addition, lemon is rich in vitamin C, can relieve phlegm and cough, and enhance the power of the stomach.

### Function:

1. Antioxidant and anti-tumor activity;
2. Antimicrobial, antiviral activity against a variety of viruses, including herpes simplex virus (HSV) and HIV-1;
3. Mild sedatives, anxiety reduction and hypnotics;
4. Modulate for mood and cognitive enhancement, mild sedative and sleep aid;
5. Memory-enhancing properties;
6. Widely use as a mild sedative and antibacterial agent.

### Application:

1. Baked foods: breads, cakes, fillings, jams, moon cakes, biscuits, potato chips, various kinds of cakes.
2. Health leisure food: health products, ice cream, candy, chocolate, lozenges, chewing gum, milk tea and so on.
3. Beverage foods: yogurt, milk drinks, noodles, flavored soy milk, solid drinks.
4. Daily chemical and pharmaceutical industry: skin care products, beauty products, cosmetics, tablets, capsules, and granules.



### Technical specification:

Product Name	Lemon Juice Freeze Dried Powder
Latin Name	<i>Citrus limonum(L.)Burm.f.</i>
Part used	Fruit
Country of Origin	China
<b>ANALYSIS</b>	<b>SPECIFICATION</b>
Appearance	Light yellow powder
Odor/Taste	Characteristics
Particle Size	100% through 80 meshes
Loss on Drying	≤5.0%
Ash	≤5.0%
Drying Method	Freeze Dried
Heavy Metals	≤20ppm
Arsenic (As)	≤2.0ppm
Plumbum (Pb)	≤3.0ppm
Mercury(Hg)	≤0.1ppm
Cadmium (Cd)	≤1.0ppm
<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, and keep away from direct strong light.



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