



Technical Data sheet

Product Name: Coix Seed Extract

Botanical source: *Coix lacryma-jobi L. var. meyuana (Roman.) Stapf*

Specification: Ratio 10:1

Grade: Food grade

Part used: Seed kernel

Appearance: White Powder

Test method: TLC



Coix or Job's tears are a type of branched grass with broad leaves. Found in India, Pakistan, China, Malaysia and Sri Lanka, it is well known for its health benefits. Coix seeds are shaped like tears and are found in different colors such as purple, white, brown and yellow. The seeds and root of the plant are used for medicinal purposes to cure various ailments such as arthritis, high cholesterol, warts and hay fever. Coix is one of the most popular food herbs used to treat stiffness and pain in the joints.

Coix seeds, like most cereal grains, are rich in nutrients and provide many health benefits. Coix seeds are rich in fiber, vitamins, minerals and essential amino acids. It has approximately the same quantity of B-complex vitamins and calories as brown rice which is 360 to 380kcal in every 100grams. However it contains a much higher level of iron and calcium and almost double the quantity of protein. Coix also contains thiamin, lysine, arginine and adenosine.

Benefits:

1. Coix seed has the benefits on water swelling, invigorating spleen to wet, the effect such as clear heat abscess, it can be used as a medicine for clearing damp and promoting diuresis .
2. Coix seed powder on skin: make skin smooth, reduce wrinkles, eliminate the effect of pigment spots. Roughness of the skin of facial acne and has obvious curative effect, in addition, it also for uv absorption ability, the extractant in cosmetics also can achieve the effect of sunscreen and uv protection.
3. Coix seed used in hair: it has the nutrition hair, prevent hair loss, and make hair smooth and soft.
4. Coix seed contains abundant protein decomposing enzyme, can make the skin cutin softening, isn't smooth skin excrescence, rough, long-term use of also has curative effect.
5. It also can be used as a staple food for loss weight, skin whitening and anti-cancer.



Application:

- 1.Applied in food field
- 2.Applied in health product field
- 3.Applied in cosmetic field

Technical specification:

| ITEM | SPECIFICATION |
|---------------------------------|----------------------|
| Assay | Ratio 10:1 |
| Appearance | White Powder |
| Odor/Taste | Characteristic |
| Particle size | 100% through 80 mesh |
| Residue on Ignition | ≤5.0% |
| Loss on Drying | ≤5.0% |
| Density | 0.5-0.7g/ml |
| Solvent Used | Water |
| Heavy Metals | ≤10ppm |
| Pb | ≤2ppm |
| As | ≤2ppm |
| Residual Pesticide | Negative |
| Microbiological Analysis | |
| Total Plate Count | ≤1000cfu/g |
| Yeast & Mold | ≤100cfu/g |
| E.Coli | Negative |
| Salmonella | Negative |



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Packaging Details:

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

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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