

TECHNICAL DATA SHEET

Moringa Leaves Extract

5:1

Chemical Properties

Plant source: *Moringa tree Oleifera Lamarch*

Used part: Leaves

Extract Solvent: Water

Description

Moringa is abundant in nutrients. Especially, the leaves contain all essential amino acids and are rich in protein, vitamin A, vitamin B, vitamin C, and minerals. It is one of the richest sources of essential nutrients often lacking in people's diets.

Solubility

Partly soluble in water.

Specification

Item	Specification	Test Method
Appearance	Green Brown Fine Powder	Visual
Odor	Characteristic	Organoleptic
Extraction Ratio	5:1	In-house
Particle size	Min 95% through 80 mesh	80 Mesh Screen
Loss on drying	Max 5.0%	In-house
Ash	Max 5.0%	In-house
Bulk Density	Min 40g/100ml	In-house
Total Heavy Metals	Max 10ppm	In-house
Arsenic	Max 2ppm	In-house
Lead	Max 2ppm	In-house
Mercury	Max 0.1ppm	In-house
Cadmium	Max 1ppm	In-house
Total Aerobic Count	Max 1000cfu/g	In-house
Mold & Yeast	Max 100cfu/g	In-house
<i>E.Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Moringa Leaves Extract 5:1

Labeling

In the United States and the European Union: Moringa Leaves Extract

Functions

- 1) With the function of anti-depression and sedation, it has an effect on the nervous system;
- 2) It can provide nourishment to the eyes and the brain.
- 3) With the function of increasing the natural defenses ability of the body, it is great for boosting the immune system thus preventing colds.
- 4) It has the function of resisting arrhythmia, lowering pressure, falling blood sugar and protecting the cardiovascular system function.

Applications

Applied in food field, health care product field and pharmaceutical field.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Packaging, Storage & Shelf Life

Package	25kg /drum, packed in paper-drums and two plastic-bags inside; or according to customers' requirements.
Storage	Store in a cool dry place, avoiding sunlight directly.
Shelf Life	2 years if sealed and stored properly.