

LycoLift™-LC

(TOMATO SEED EXTRACT)

This product is a mixture of 1,3-butylene glycol, water and aqueous ethanol extract of the seeds of *Lycopersicon esculentum* Miller (= *Solanum lycopersicum* Linne) (*Solanaceae*).

Manufacturing method

Extract with ethanol solution from the seeds of *Lycopersicon esculentum* Miller (= *Solanum lycopersicum* Linne) (*Solanaceae*), extract and evaporate ethanol and water, and obtain the solid. Dissolve solid substance to 1,3-butylene glycol water solution, and filter as the product.

Raw material: seed 100kg —————> Product: approx. 400 – 500 kg

Description

This product is pale yellow to pale yellowish brown liquid, with slightly characteristic odor.

Identification

- Saponin

To 0.3mL of this product, add 5mL of acetic anhydride, shake well, allow to stand for 2minutes, add gently 1mL of sulfuric acid; reddish brown color develops in contact zone.

- Sugar

To 1mL of this product add 2 to 3 drops of α -naphthol • ethanol solution (1→20) and shake well, add gently 1 to 2mL of sulfuric acid; reddish purple color develops in contact zone.

Purity

- Heavy metals

Take 1.0g of this product, determine heavy metals according to the method 2: the limit is not more than 20ppm. Use 1.0mL of standard lead solution as the control solution.

- Arsenic

Take 1.0g of this product, prepare the test solution according to the method 3, and perform the test: the limit is not more than 2ppm.

Bacterial Count

Take 5g of this solution, make 50mL test solution with diluent and perform the bacterial count test, using standard agar medium according to Hygiene Test Method; the limit is not more than 1×10^2 cfu/g.

Fungus • Molds Count

Take 5g of this solution, make 50mL test solution with diluent and perform the fungus count test using potato dextrose agar medium added chloramphenicol according to Hygiene Test Method; the limit is not more than 1×10^2 cfu/g.

Coli form

Take 1mL of the solution which prepare the bacterial count test, and perform the coli form test using BGLB medium according to Hygiene Test Method; Negative / Not observe any colony.

These standards and test method are referred to General Notices and General Tests, Processes and Apparatus of The Japanese Standards of Quasi-drug Ingredients, unless otherwise specified.

Product Name	: LycoLift™-LC
Expiry date	: 2 years from date of manufacturing
Storage	: Store in a cool, dry, ventilated location. Keep away from high temperature and sunlight, store in the closed containers.
Manufacturer	: ORYZA OIL & FAT CHEMICAL CO., LTD. 1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-pref. 493-8001 JAPAN

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