

cosmeHerbest™ NADESHIKO

This product is a mixture of 1,3-propanediol and water-extract obtained from the seed of *Dianthus superbus* L. subsp. *longicalycinus* (Maxim.) Kitam. (*Caryophyllaceae*).

Manufacturing method

Extract with water from the seed of *Dianthus superbus* L. subsp. *longicalycinus* (Maxim.) Kitam. (*Caryophyllaceae*). After extraction, add propanediol and then filter for the product.

Raw material: seed 60 g —————> Product: approx. 0.8 – 1.0 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. Add gently 1mL of sulfuric acid; reddish brown 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 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.

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