

cosmeHerbest™ SAKURA

This product is an water-extract added butylene glycol into filtrate which is obtained from the flower of *Prunus lannesiana* Wils. cv. Sekiyama (*Rosaceae*).

Manufacturing method

Add ethanol to the flower of *Prunus lannesiana* Wils. cv. Sekiyama (*Rosaceae*), after removing ethanol with aroma and oil substances, extract with water to residual substance, add butylene glycol to filtrate and filter as the product.

Raw material: Flower of *Prunus lannesiana* 100 g → product: about 0.8 – 1.0 kg

Description

This product is a slightly yellowish brown to reddish pale yellow liquid, and it is having slightly characteristic odor.

Identification

- Polyphenol

To 3 mL of this product add 0.2 mL of Phenol TS*¹ and 0.4 mL of saturated sodium carbonate*²; blue color develops.

- Sugar

To 0.5 mL of this product add 2 to 3 drops of α -naphthol • ethanol solution and shake well, add gently 1 to 2 mL of sulfuric acid; reddish purple color develops in contact zone.

*1: Phenol TS: Dilute the Phenol reagent (Folin-Ciocalteu reagent : Wako) 2-fold with water

*2: Add 35 g of Sodium carbonate, anhydrous with 100 mL of water and dissolve at 70 to 80 °C. Allow to stand for 1 night, remove the precipitate and use supernatant solution.

pH (1→10) : 4.0 to 6.0

Purity

- Heavy metals

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

- Arsenic

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

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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