

Aim :-Swayam
08/09/22

To prepare and submit 100 ml of cinnamon oil as per I.P.

Reference:

Khan and Vyas "Industrial Pharmacy" CBS publication and distributors, 4th edition.

Requirement:

- (a) Chemicals :- Cinnamon oil, Ethyl alcohol, distilled water, Talc.
- (b) Apparatus :- Beaker, Measuring cylinder, Funnel, Stirring rod, Filter paper.

Theory:

The scent of cinnamon is spicy, sweet, and for many, filled with happy memories of delicious food and cozy days. Cinnamon oil is prized for its lush fragrance. It's also linked to several health and beauty benefits.

Cinnamon in a variety of forms has been studied for its effect on infection control, blood sugar management, and other conditions.

Cinnamon Water oil

Ingredients:

Cinnamon oil - 2ml
Ethyl alcohol - 60ml
Talc : 5gm
Purified water: 9.5

Batch No: - HR74

Mfg date: - 01-06-22

Exp date: - 01-06-23

*★ Store it in cool
and dry place.*

Mfd. by: S.N.S college of Pharmacy

Studies indicate that cinnamon oil has:

- antibacterial
- antifungal
- antidiabetic
- and antioxidant properties

Types of cinnamon oil.

Cinnamon oil is derived from the bark or leaves of several types of trees, including the cinnamon verum tree and the Cinnamomum cassia tree.

Most commercially available cinnamon oil is derived from the Cinnamomum cassia tree and is called cassia cinnamon. Cinnamon that comes from the Cinnamomum verum is called Ceylon cinnamon. This variety is more expensive.

Both types are comprised of compounds and phytochemicals, such as cinnamaldehyde and eugenol. It's these elements that make cinnamon beneficial for health.

Procedure:

- i) Dissolve small amount of cinnamon oil in Ethyl alcohol by shaking and small amount of purified water.
- ii) Shake it and make the volume upto 100 ml.
- iii) Add sterilized purified water and shake it.
- iv) Allow standing the solution for a ~~low~~ few hours with occasional stirring.
- v) Filter the solution and store it in a close container.

Result:

We have successfully prepared cinnamon water oil in the pharmaceuticals laboratory.