



Edition: BP 2025 (Ph. Eur. 11.6 update)

Simple Linctus

[General Notices](#)

Simple Oral Solution

DEFINITION

Simple Linctus is an *oral solution* containing 2.5% w/v of Citric Acid Monohydrate in a suitable vehicle with an anise flavour.

The linctus complies with the requirements stated under Oral Liquids and with the following requirements.

Content of free acid, calculated as citric acid monohydrate, $C_6H_8O_7 \cdot H_2O$

2.00 to 2.65% w/v.

IDENTIFICATION

Dilute 5 mL to 50 mL with [water](#), add 2 g of [activated charcoal](#), mix and filter. To 1 mL of the filtrate add 1 mL of [pyridine](#), swirl to mix, add 5 mL of [acetic anhydride](#) and mix using, for example, a rotary vortex mixer. Immediately place in a water bath at about 30° for 5 minutes. A yellow colour is produced.

ASSAY

Dilute 15 g with 50 mL of [water](#) and titrate with [0.5M sodium hydroxide VS](#) using 2 mL of [thymol blue solution](#) as indicator. Each mL of [0.5M sodium hydroxide VS](#) is equivalent to 35.02 mg of $C_6H_8O_7 \cdot H_2O$. Determine the [weight per mL](#) of the linctus, [Appendix V G](#), and calculate the content of $C_6H_8O_7 \cdot H_2O$, weight in volume.