



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

Salicylic Acid Collodion

[General Notices](#)

DEFINITION

Salicylic Acid

120 g

[Flexible Collodion](#)

Sufficient to produce 1000 mL

The collodion complies with the requirements stated under Liquids for Cutaneous Application and with the following requirements.

Content of salicylic acid, $C_7H_6O_3$

13.0 to 15.8% w/w.

ASSAY

Dilute 2 g to 200 mL with [acetone](#) and to 2 mL of this solution add 35 mL of [acetate buffer pH 2.45](#) and 4 mL of a freshly prepared 0.5% w/v solution of [iron\(III\) chloride hexahydrate](#). Dilute to 50 mL with [acetate buffer pH 2.45](#), filter, discarding the first 10 mL of the filtrate, and measure the [absorbance](#) of the resulting solution at the maximum at 525 nm, [Appendix II B](#). Calculate the content of $C_7H_6O_3$ from the [absorbance](#) obtained by repeating the operation using 2 mL of a 0.12% w/v solution of [salicylic acid](#) in [ethanol](#) (96%) and beginning at the words 'add 35 mL of [acetate buffer pH 2.45](#) ...'.