



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

Zinc Sulfate Tablets

[General Notices](#)

Zinc Sulphate Tablets

DEFINITION

Zinc Sulfate Tablets contain Zinc Sulfate Monohydrate.

The tablets comply with the requirements stated under [Tablets](#) and with the following requirements.

Content of zinc sulfate monohydrate, $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$

95.0 to 105.0% of the stated amount.

IDENTIFICATION

- A. A quantity of the powdered tablets containing 0.1 g of Zinc Sulfate Monohydrate yields the reaction characteristic of [zinc](#) and [zinc salts](#), [Appendix VI](#).
- B. A quantity of the powdered tablets containing 45 mg of Zinc Sulfate Monohydrate yields the reactions characteristic of [sulfates](#), [Appendix VI](#).

ASSAY

Weigh and powder 20 tablets. Disperse a quantity of the powdered tablets containing 0.16 g of Zinc Sulfate Monohydrate in 5 mL of [dilute acetic acid](#). Carry out the *complexometric titration of zinc*, [Appendix VIII D](#).

Each mL of 0.1M [sodium edetate](#) is equivalent to 17.95 mg of $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$.

STORAGE

Zinc Sulfate tablets should be protected from light and moisture.