



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

Zinc Sulfate Capsules

[General Notices](#)

Zinc Sulphate Capsules

DEFINITION

Zinc Sulfate Capsules contain Zinc Sulfate Monohydrate.

The [capsules](#) comply with the requirements stated under [Capsules](#) 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 contents of the capsules containing 0.1 g of Zinc Sulfate Monohydrate yields the reaction characteristic of [zinc](#) and [zinc salts](#), [Appendix VI](#).
- B. A quantity of the contents of the capsules containing 45 mg of Zinc Sulfate Monohydrate yields the reactions characteristic of [sulfates](#), [Appendix VI](#).

ASSAY

Disperse a quantity of the mixed contents of 20 capsules 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 Capsules should be protected from light and moisture.