

Sulfid test paper

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Sulfide test paper is an equal alternative to lead acetate paper, but with an important advantage, that it does not contain any hazardous materials, subject to declaration.

Color reaction:

This white test paper changes, in the presence of sulfide ions and hydrogen sulfide, to brown-black, depending on the concentrations.

Instructions for use:

Place a drop of the sample on the test paper, which will then change color to brown-black. Smaller quantities of sulfide now appear as a brown ring. For the determination of hydrogen sulfide, first wet the test paper with distilled water, and hold it up in the air to be tested. A brown coloration, on that part of the test paper where water was applied, shows the presence of hydrogen sulfide.

Limit of sensitivity:

The presence of 5 mg/L sulfide (S^{2-}) produces an easily recognizable brown ring.