

## Lead acetate paper

Lead acetate paper allows the quick and easy detection of hydrogen sulfide ( $\text{H}_2\text{S}$ ). The gas occurs in the processing of raw oil. It is toxic even in low concentrations. Sulfide ( $\text{S}^{2-}$ ) containing solutions also give a positive reaction.

### Safety precautions:

Information regarding safety can be found on the box' label and in the safety data sheet. You can download the SDS from [\*\*www.mn-net.com/SDS\*\*](http://www.mn-net.com/SDS).

### Color reaction:

The white paper reacts with  $\text{H}_2\text{S}$  to form black lead sulfide. With lower concentrations, however, the white paper assumes only a brown color.

### Limit of sensitivity:

1 drop of a solution with 5 mg/L sulfide ( $\text{S}^{2-}$ ) gives a brown ring which is just visible.

### Disposal:

Information regarding disposal can be found in the safety data sheet. You can download the SDS from [\*\*www.mn-net.com/SDS\*\*](http://www.mn-net.com/SDS).

### Storage:

Avoid exposing test paper to sunlight and moisture. Keep cool and dry (storage temperature 4–30°C).

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Rev: 2025-03