Benzene 15/a

Catalog No 8101741

Standard Measuring Range:15 to 420 ppmNumber of Strokes (n):20 to 2Time for Measurement:about 4 minutesStandard Deviation:± 30%Color Change:white to red brown

Ambient Operation Conditions

Temperature: Absolute Humidity: 0 to 30°C max 30 mg H₂O/L

Reaction Principle

2 C₆H₆ + HCHO \longrightarrow C₆H₅-CH₂-C₆H₅ + H₂O C₆H₅-CH₂-C₆H₅ + H₂SO₄ \longrightarrow P-chinoid compound

Cross Sensitivity

Other aromatics (e.g. toluene, xylene) are trapped in the prelayer, causing a reddish brown discoloration. It the toluene or xylene concentration is too high and the entire prelayer is discolored, a benzene measurement is not possible.

Petroleum hydrocarbons, alcohols and esters do not affect the indication.





Manufactured by Draeger Safety

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