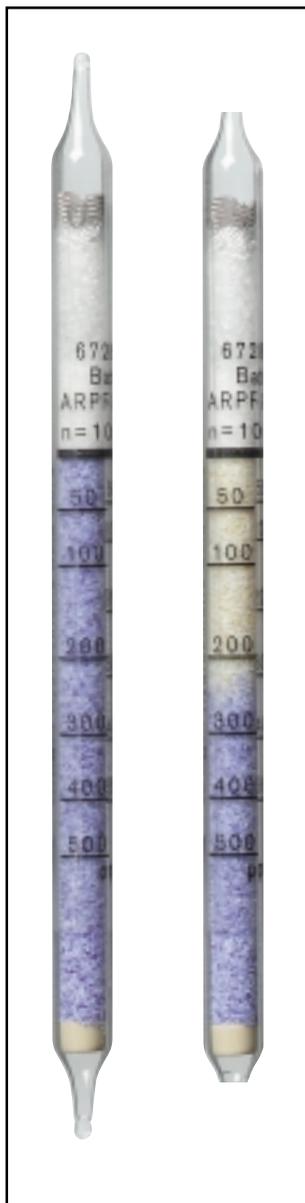


Hydrochloric Acid 50/a

Order No.

67 28181



Standard Measuring Range : 500 to 5,000 ppm /
50 to 500 ppm
Number of Strokes (n) : 1 / 10
Time for Measurement : app. 30 s / app. 4 min
Standard Deviation : ± 10 to 15 %
Colour Change : blue \rightarrow white

Ambient Operating Conditions

Temperature : 10 to 50 °C
Absolute Humidity : max. 15 mg H₂O / L

Reaction Principle

HCl + Bromophenol blue \rightarrow white reaction product

Cross Sensitivity

Hydrogen sulphide and sulphur dioxide do not interfere in the TLV range.

It is impossible to measure hydrochloric acid in the presence of other mineral acids.

Chlorine and nitrogen dioxide are indicated, but with different sensitivities.

ST-116-2001