

Dräger Alcotest 6810 med

Cross sensitivity to other substances than alcohol

In the instrument Alcotest 6810 med an electrochemical sensor is used for which cross sensitivities to other gases can not be excluded completely because of the functional principle. Therefore, a general statement is not possible.

Concerning the application of the sensor for measuring breath alcohol concentrations, however, the most important cross sensitivities occurring in this field have been investigated. The instrument shows no cross sensitivities at relevant concentrations of acetone, ammonia, and carbon dioxide.

Is alcohol taken up with foods or medicines, this alcohol of course is detected by the instrument, if the amount of alcohol taken up by the proband and the resulting alcohol concentration are big enough.