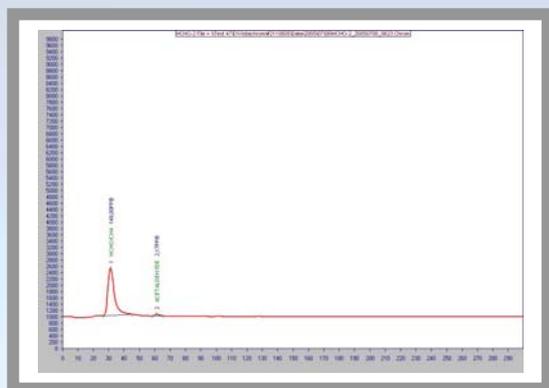


Measurement of Formadehyde and Acetaldehyde in air or pure gas

airmoHCHO

HCHO

FORMALDEHYDE



HCHO Exposure limit value

Air:
VME = 0,5 ppm
VLE = 1 ppm

CH₃CHO



Formaldehyde, a volatile organic compound, is widely used in the areas of medicine, agriculture, and industry as a disinfectant for killing bacteria and fungus. However, formaldehyde is an environmental pollutant and its cytotoxicity is also known to have a serious impact on the human body. Despite the possible harm it poses, little research work has been reported on the removal of formaldehyde from the environment.



Use of formaldehyde:

- Resine manufacturing
- Use as a germicide, insecticide, fungicide, antiseptic, antibacterial substance
- Paper industry
- Leather tanning
- Photography
- Chemical analysis
- Chemical organic substances manufacturing

ACETALDEHYDE