

# SPECTROPHOTOMETRIC DETERMINATION OF NITROGEN OXIDE IN AIR

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**Abstract:** *Air pollution is an important risk factor for people's health in Europe and around the world. The main pollutants in the air are: sulfur dioxide, suspended particles, CO, NO<sub>2</sub>, suspended particles (soot), photochemical oxidants (terrestrial ozone). The goal of this paper is to determine the concentration of nitrogen dioxide by the spectrophotometric method in ambient air, and compare the measured values with the allowed daily limit values prescribed by the regulation. Sampling was carried out in two measuring points.*

**Key words:** *air pollution, monitoring, nitrogen dioxide, spectrophotometric method*