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Application of the Chemiluminescence to the analysis of wastewaters – A review

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## **Application of the Chemiluminescence to the analysis of wastewaters – A review.**

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### **Abstract**

The toxicological effects of diverse pollutants typically found on wastewaters of diverse origin (industrial, urban, etc.) have led to regulation of their emission by national and trans-national organizations, and an increasing interest in the development of fast and reliable methods for their analysis.

This paper is an up-to-date comprehensive review on the analytical applications of chemiluminescence technique (characterized by high sensitivity, wide dynamic ranges and simple instrumentation) to the analysis of wastewaters, emphasizing the different kinds of pollutants that have been studied with these methods and discussing the different approaches followed by the authors as CL reactions, devices and coupled methods.

**Keywords:** chemiluminescence; wastewater analysis; organic compounds; inorganic compounds; non-specific parameters

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