

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA  
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH



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**University of Jijel**  
Faculty of Science and Technology  
Department of Process Engineering



This thesis is submitted in fulfillment of the requirement for the degree

**DOCTORAT 3<sup>rd</sup> cycle (LMD)**

Option: **Process Engineering**

Presented by **SEFARI Wassila**

**Subject**

**New electrochemical sensors applied to the specific detection of  
endocrine disruptors**

Presented and defended on 23/02/2025 at 16.00 h, in the Reading hall in the Central Library, second floor University of Jijel

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