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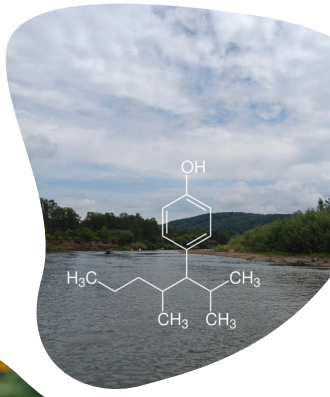
AGRIFOOD
HEALTH AND PHARMACEUTICAL
ENVIRONMENT

ANALYSIS OF NONYLPHENOLS (NP) AND POLYETHOXYLATED NONYLPHENOLS (NPEO)

RELIABLE DATA FOR RESPONSIBLE ENVIRONMENTAL MANAGEMENT



Our laboratory offers comprehensive analysis of nonylphenols (NP) and polyethoxylated nonylphenols (NPEO), two priority environmental contaminants. Using our CEAEQ 180-181 accredited methods, we support municipalities, industries, and consultants in their efforts to monitor environmental conditions, ensure regulatory compliance, and improve environmental performance.

Nonylphenols and their derivatives are contaminants of concern due to their effects on the environment and ecosystem health.

NP/NPEO are known to be:

- endocrine disruptors;
- toxic to aquatic life;
- persistent in the environment;
- found in various industrial and municipal effluents.

In Quebec and Canada, monitoring these substances has become a major priority for organizations committed to complying with environmental standards and reducing their environmental impact.

CUTTING-EDGE TECHNOLOGY FOR RELIABLE RESULTS

Eurofins EnvironeX laboratories use recognized analytical methods to ensure accurate and sensitive detection of NP and NPEO, even at very low concentrations.

- **Instrumentation: LC/MS/MS (liquid chromatography coupled with tandem mass spectrometry)**
- **Analytical method: ASTM D7485**
- **Accreditation: CEAEQ 180 – 181**

This combination guarantees robust results that are recognized by regulatory authorities and tailored to the requirements of environmental compliance programs.

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WHICH ORGANIZATIONS ARE AFFECTED?

Nonylphenol testing can be essential for several industries, including:

- the pulp and paper industry,
- the textile industry,
- industrial cleaning,
- the petrochemical sector,
- waste management,
- municipalities,
- and environmental consultants.

(Non-exhaustive list)

If your organization generates effluents, these analyses can help you better understand your discharges and ensure regulatory compliance.

WHY TEST FOR NONYLPHENOLS?

Testing for NP/NPEO allows you to:

- reduce regulatory risks,
- meet client requirements,
- improve your environmental performance,
- optimize your processes,
- anticipate future regulatory requirements.

REGULATORY FRAMEWORKS

The presence of nonylphenols in the environment is monitored under several programs and regulations:

- Regulation 2008-47 of the Montreal Metropolitan Community (CMM).
- ROMAEU — Regulation on Municipal Wastewater Treatment Facilities.
- PRRI — Industrial Discharge Reduction Program.
- Federal requirements of Environment and Climate Change Canada (ECCC).
- Pan-Canadian Commitments on Endocrine Disruptors.

BY CHOOSING EUROFINS ENVIRONEX AS YOUR ANALYTICAL PARTNER, YOU BENEFIT FROM:

- a comprehensive analysis of NP and NPEO accredited to CEAEQ 180-181,
- sensitive methods enabling detection at very low concentrations,
- reliable data to make informed decisions,
- reports recognized by provincial and federal authorities,
- technical support from experts,
- dedicated customer service,
- service locations in Quebec and Ontario.

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