

# QUALITY ANALYSIS

## NATURAL HEALTH, COSMETICS, AND PHARMACEUTICAL PRODUCTS

**PROCESS WATER:**

- Verification of process water for USP compliance (bacteria, yeast, mould, TOC, and conductivity)

**ANALYSIS OF MICROBIOLOGICAL COMPONENTS:**

- Bacteria, yeasts, and moulds
- Pathogenic bacteria (E. coli, Salmonella spp., Pseudomonas aeruginosa, Staphylococcus aureus, etc.)
- Preservative efficacy testing (challenge test)
- Applicability test (inhibition test)
- Culture medium validation (Growth Promotion)

**ANALYSIS OF CHEMICAL COMPONENTS:**

- Heavy metals (Pb, As, Hg, Cr, and Cd), pesticides, solvent residues, active ingredient dosage, vitamins, amino acids, proteins, and others.

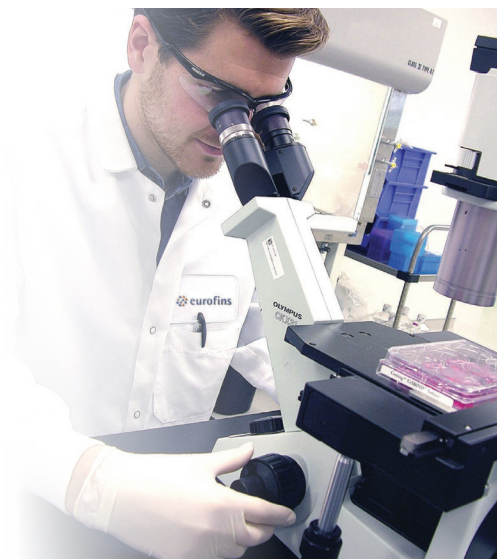
**ON-SITE SAMPLING SERVICE:**

- Microbiological surface controls
- Microbiological controls of ambient air and compressed air
- Interpretation of results

**OTHER SERVICES:**

- Complete nutritional labelling
- Development of specific methods
- Report writing

\* Certified laboratory licensed by Health Canada.



The Eurofins EnvironeX team is committed to ensuring superior analytical quality. Our analyses are performed in accordance with Good Manufacturing Practices (GMP) and are based on reference works and harmonized pharmacopoeias.

OUR COMMITMENT  
TO QUALITY



- ANALYSIS QUALITY
- QUALITY CONTROL PROGRAM

- TRAINING OF STAFF TO MEET THE HIGHEST QUALITY STANDARDS

## OUR MAIN SERVICES

### Products that do not require sterilization

- > Counting of microbial contaminants for microbiological analysis in accordance with harmonized pharmacopoeias
- > Detection of pathogenic microorganisms

### Identification

- > Bacteria, yeast, and mould

### Antimicrobial activity efficacy

- > Preservative efficacy testing (challenge test)

### Process water

- > Verification of process water for USP compliance

### Environment and technical benefits

- > Microbiological surface testing
- > Microbiological testing of ambient air and compressed air
- > Sampling and interpretation service

## Natural health products

We offer microbiological and chemical analysis services:

- Microbiological analysis (purity) according to USP
- Heavy metals (Pb, As, Hg, Cr, and Cd) by ICP-MS
- Complete nutritional labelling (vitamins, fat profile (including EPA-DHA), proteins, aflatoxins by ELISA)

Depending on your needs, we can handle all your analytical requests (e.g., pesticides, solvent residues, active ingredient dosages).

Our specialized team in the cosmetics, pharmaceuticals, and natural health products analysis department uses only recognized and validated pharmacopoeia methods. Our laboratory professionals support you in controlling the quality of your raw materials, finished products, and bulk goods. Whatever your needs, our experts will respond effectively to your specifications and provide you with sound advice.

Our laboratories are licensed by Health Canada and meet regulatory requirements.



**EnvironeX** Testing for Life

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