



## Water Microbiology Research Outsourcing Services

Our water microbiology research outsourcing services ensure water safety and quality by detecting microbial contaminants, monitoring biofilms, and profiling pathogens in drinking water, wastewater, and industrial water systems.

### Our Water Microbiology Research Capabilities

Our experienced microbiologists perform quantitative and qualitative assessments of waterborne microbes, develop rapid detection assays, and study biofilm formation to safeguard public health and comply with regulatory standards.

### Types of Water Microbiology Research We Handle

- Microbial Water Quality Analysis
- Pathogen Detection in Drinking Water
- Wastewater Microbiology Profiling
- Biofilm Formation Studies in Pipelines
- Legionella and E. coli Testing
- Coliform and Enterococcus Monitoring
- Antibiotic Resistance in Waterborne Bacteria
- Viral and Protozoan Contaminant Screening
- Industrial Water System Surveillance
- Groundwater and Surface Water Testing
- Point-of-Use Filter Efficacy Studies
- Disinfection Efficacy Evaluation
- Waterborne Disease Outbreak Investigation
- Microbial Source Tracking
- Publication-Ready Water Microbiology Data
- Regulatory-Compliant Microbiology Reports
- Cross-Lab Validation of Water Testing Protocols
- Custom Water Microbiology Research Projects

### Key Research Outsourcing Services Offered

- Field Sampling and Site Surveys
- Culture-Based Microbial Detection

- Molecular Waterborne Pathogen Detection
- Quantitative PCR (qPCR) Analysis
- Biofilm Culturing and Imaging
- Antibiofilm and Resistance Testing
- Virus and Protozoa Isolation
- Data Analysis and Interpretation
- Publication-Ready Figures and Reports
- Stakeholder Presentation Preparation
- Confidential Data Handling and NDA
- Interim Technical Updates and Progress Reports
- Workshops and Training in Water Microbiology
- Post-Project Technical Consulting
- IP and Patent Filing Support for Methods
- Grant Proposal and Manuscript Assistance
- Secure Data Storage and Archiving
- Compliance with GLP, ISO, WHO Standards
- Cross-Lab Method Validation
- Collaboration with Water Treatment Facilities
- Long-Term Water Microbiology Partnerships
- Custom SOP Development for Water Testing Labs
- Regulatory Dossier Preparation for Approvals
- Market-Ready Water Microbiology Reports

## **Why Choose Us for Water Microbiology Research Outsourcing?**

Our state-of-the-art microbial testing, rapid detection protocols, and robust quality control ensure your water systems meet safety standards and protect public health.

## **Industries & Sectors We Serve**

- Municipal Water Supply Authorities
- Industrial Water Treatment Plants
- Environmental Monitoring Agencies
- Public Health and Epidemiology Units
- Academic Environmental Microbiology Labs
- Regulatory and Compliance Bodies

## **Customized Water Microbiology Solutions**

We develop customized microbial monitoring plans, biofilm control strategies, and outbreak investigation protocols to address unique water quality challenges and regulatory requirements.

## Quality Assurance & Regulatory Compliance

Our water microbiology workflows follow GLP, ISO, WHO, and local regulatory standards to ensure validated, reproducible, and submission-ready data for compliance and public safety.

## Case Studies & Client Success Stories

Discover how our outsourcing services have improved drinking water safety, mitigated industrial biofilm risks, and supported public health investigations. References available on request.

## How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define water source, test parameters, and study scope.
2. **Proposal & Quotation:** Provide detailed sampling plan, testing protocols, timeline, and budget.
3. **Testing and Analysis:** Perform microbiological assays, resistance profiling, and biofilm studies.
4. **Reporting:** Deliver test results, risk assessments, and regulator-ready documentation.
5. **Post-Project Support:** Offer consulting, compliance advice, and manuscript support.

## Frequently Asked Questions (FAQs)

**Q:** Do you test for emerging waterborne pathogens?

**A:** Yes — we continuously update our panels to detect new threats.

**Q:** Can you help develop biofilm control strategies?

**A:** Absolutely — we design cleaning protocols and monitor biofilm dynamics.

**Q:** How secure is my site data?

**A:** We ensure strict NDAs, secure storage, and complete IP confidentiality.

## Get Started / Request a Quote

Contact us today to discuss your water microbiology project and receive a custom plan, timeline, and cost estimate aligned with your compliance goals.

## Contact Us

Email: [research-outsourcing@nthrys.com](mailto:research-outsourcing@nthrys.com)

Phone: +91-8977624748