

Order Form MIC-Analyses



Send samples to: AMODIA Bioservice GmbH
 Geysostrasse 19 (Entrance D1)
 38106 Braunschweig
 GERMANY

***: Required Fields**

* Your Company Address:(if present: customer number):

* Order Date:

* Order Person (Name and Telephone Number):

* E-Mail Adresse(s) for receiving the report:

Herewith we order AMODIA Bioservice GmbH to perform the following analyses for the specified samples:

Sample Information:

(filled by AMODIA:)

* Name(s) of Samples	* Sample of	Sampe Reception	Internal ID(s)

Ordered Analyses:

Ordered	Description of the Analysis (for scope of analysis: see. next page)
<input type="checkbox"/> P-401	Molecular Risc Assessment for MIC
<input type="checkbox"/> P-402	Molecular Profiling Analysis of Industrial Water
<input type="checkbox"/> P-403	Detailed Molecular Screening Analysis of Industrial Water
<input type="checkbox"/> Q-401	'Molecular Total Microbial Count' (mTMC) in Industrial Water
<input type="checkbox"/> Q-402	Molecular Quantification of Sulfate Reducing Bacteria (SRB) in Industrial Water

Remarks:

Send Order

A click on the button to the left should open an e-mail (in the standard programme), which already has the address and an attachment (*.xdf). **If this fails:**
 Save a copy of the PDF file and send it as a separate attachment to "order@amodia.de".

Type and Scope of Analyses

Analyses Packages

Art.-No.	Description and Scope of the Analysis
P-401	<p>Molecular Risk Assessment for MIC Measures the DNA concentration of microorganisms associated with microbially influenced corrosion (MIC) and derives a first assessment on MIC to the system.</p> <ul style="list-style-type: none"> • Extraction and purification of total bacterial DNA • Quantitative amplification of the DNA of bacteria (universal) • Quantitative amplification of the DNA of sulfite reducing bacteria (SRB) • Risk assessment for MIC according to the derived data
P-402	<p>Molecular Profiling Analysis of Industrial Water Identifies the most prominent bacteria in the analysed water sample or filter.</p> <ul style="list-style-type: none"> • Extraction, purification and amplification of total bacterial DNA • Separation of gene fragments • Selection of the 3 to 5 most prominent bands • Sequencing of DNA from the selected bands • Phylogenetic classification of observed sequences / identified species • Report with the relevant metabolic properties
P-403	<p>Detailed Molecular Screening Analysis of Industrial Water Extends the bacterial profile (P-402) with two screenings: for sulfate reducing bacteria (SRB) and for Sulfur oxidizing bacteria (SOB) with:</p> <ul style="list-style-type: none"> • Extraction and purification of total bacterial DNA • Amplification of the DNA of bacteria (universal) • Amplification of the DNA of sulfite reducing bacteria (SRB) • Amplification of the DNA of sulfur oxidising bacteria (SOB) • Separation of all three gene fragments • Selection of all prominent bands for all targets • Sequencing of DNA from the selected bands • Phylogenetic classification of observed sequences / identified species • Report with relevant metabolic properties of the identified species

Single Analyses:

Art.-No.	Description and Scope of the Analysis
Q-401	<p>'Molecular Total Microbial Count' (mTMC) in Industrial Water</p> <ul style="list-style-type: none"> • Extraction and purification of total bacterial DNA • Quantitative amplification of the DNA of bacteria (universal) • Report with the measured value
Q-402	<p>Molecular Quantification of Sulfate Reducing Bacteria (SRB) in Industrial Water</p> <ul style="list-style-type: none"> • Extraction and purification of total bacterial DNA • Quantitative amplification of the DNA of sulfate reducing bacteria (SRB) • Report with the measured value