



Molecular Diagnosis

qPCR and NGS

Molecular methods are essential for diagnosing and monitoring the risk of Microbiologically Influenced Corrosion (MIC) in industry.

Quantitative Polymerase Chain Reaction (qPCR) amplifies specific DNA sequences to quantify total microorganisms present in samples.

Next-Generation Sequencing (NGS): Provides detailed insights into the microbial community structure and species identification.

Key features:

- ✓ Higher sensitivity
- ✓ Comprehensive data
- ✓ Rapid Results
- ✓ DNA-based analysis
- ✓ Reliable data
- ✓ Cost-effective

NGS together with qPCR provides meaningful business relevant data that supports decision making.

We integrate complex molecular data outputs to provide world-leading risk-based analysis and reporting.



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