

GeneDisc® Method for Beer Spoilage Bacteria: A Guide to Testing Strategies

Benefits

Accelerated decision-making	Method allows for early preventive controls (e.g. yeast slurry control): Reduce risk of product spoilage
Fast corrective actions implementation	Rapid contamination cause tracking: Reduce negative financial impact of spoilage
Designed for routine use	Method uses ready to use reagent and results are automatically interpreted: No microbiology skills are required
Cost-effective and informative method	Provides answers for the major beer spoilage bacteria in one single run: Lowers analytical cost
Adaptable to your priorities	Two protocols are available as described below: Maximum flexibility

Assess Contamination in 2 Hours

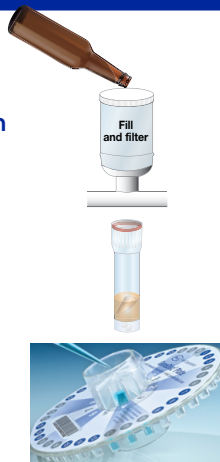
Bacterial
Concentration



Cell Lysis



PCR Analysis



Technical Information

Sensitivity	Filterable samples: As low as 1 cell /mL Unfilterable samples: As low as 5 cells /mL Yeast samples: As low as 120 cells /mL
Time to results	Reduced to 2 hours
Target organisms	<ul style="list-style-type: none"> • <i>Lactobacillus</i> spp. and identification of the major species • <i>Pectinatus</i> spp. • <i>Pediococcus</i> spp. • <i>Megasphaera</i> spp.
Internal positive control	To ensure result accuracy, each sample analysis includes an internal positive control.

When **quick results** are your priority

Reach High Sensitivity

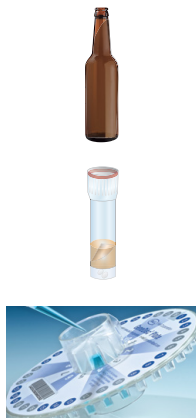
Enrichment



Cell Lysis



PCR Analysis



Technical Information

Sensitivity	Down to 1 cell / sample
Enrichment	With common broths (e.g. MRS or NBB)
Time to results	Enrichment time + 2 hours
Target organisms	<ul style="list-style-type: none"> • <i>Lactobacillus</i> spp. and identification of the major species • <i>Pectinatus</i> spp. • <i>Pediococcus</i> spp. • <i>Megasphaera</i> spp.
Internal positive control	To ensure PCR result accuracy, each sample analysis includes an internal positive control.

When **precise information** is your priority



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