



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Yeasts and moulds enumeration

Method Number: LI-10.112

Scope of Application: Potable water and associated packaging or sealing systems

Description: A quantitative method for the enumeration of yeasts and moulds in water. 100 mL samples are filtered and the membrane is transferred onto oxytetracycline glucose yeast extract (OGYE) agar and incubated at 22°C for 4 days. Any typical colonies are reported as confirmed yeasts or moulds, no confirmation test is required.

Sample Weight Required: 150 mL

Method Reference: ISO 8199: 2008 Water quality – General guidance on the enumeration of micro-organisms by culture.

Analytical Platform: Cultural method

Special Information: Packaging analyses including bottles, containers, packing, caps and sealing systems.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Measurement Uncertainty
Yeast Result Mould Result	Potable water	CFU/100 mL	<1 CFU / 100 mL	0.186
Yeast Result Mould Result	25-150 cL Packaging	CFU/50 mL	<1 CFU / 50 mL	
Yeast Result Mould Result	200 cL Packaging	CFU/100 mL	<1 CFU / 100 mL	
Yeast Result Mould Result	19.8L/5 gal Packaging	CFU/250 mL	<1 CFU / 250 mL	
Yeast Result Mould Result	Caps/Sealing Systems	CFU/500 mL	<1 CFU / 500 mL	