



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Sulfite-Reducing Anaerobic Spores Enumeration

**Method Number:** LI-10.114

**Scope of Application:** Potable water

**Description:** A quantitative method for the enumeration of mesophilic anaerobic sulfite-reducing spore formers. To enumerate spores, samples are heat treated for 15 min at 75°C prior to plating. 100 ml of sample is filtered, and the membrane is placed onto a TSC agar plate incubated under anaerobic conditions at 37°C for 44 – 48 hrs. Typical colonies are counted as sulfite reducing bacteria.

**Sample Weight Required:** 150 mL

**Method Reference:** ISO 6461-2:1986

**Analytical Platform:** Cultural method

**Special Information:** All typical colonies are subject to confirmation test that differentiates *Clostridia* from facultative anaerobic sulfite reducing bacteria (*Bacillus*). Only confirmed *Clostridia* count is reported. Bacteria count without confirmation is available by special request only.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Measurement Uncertainty
Anaerobic Mesophilic Spore Result		CFU / 100 mL	<1 CFU/ 100 mL	0.121