



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Heterotrophic Plate Count, Pour Plate

Method Number: SMEWW 9215B

Scope of Application: Potable Water

Description: A quantitative method estimating the number of live, culturable heterotrophic bacteria in water. Samples are plated directly and poured with plate count agar, then incubated at 35°C for 48 +/- 3 hours.

Sample Weight Required: 150 mL

Method Reference: Standard Methods for the Examination of Water and Wastewater, 23rd edition.

Analytical Platform: Cultural method

Special Information: Water samples with expected low counts (<1 to 10 CFU/mL) should use the membrane filtration method (SMEWW 9215D)

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
HPC Result (35°C)		CFU/mL	<1 CFU/mL	