



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Aerobic Plate Count for Standard Methods for the Examination of Dairy Products

**Method Number:** SMEDP-SPC\_POUR

**Scope of Application:** Raw and processed liquid dairy products

**Description:** Inoculation of a non-selective medium (PCA) using the pour-plate method, with aliquots of the appropriate dilutions of the analyzed product. Incubation at 32°C for 48 hours and enumeration of the colonies.

**Sample Weight Required:** 25 g

**Method Reference:** SMEDP 17<sup>TH</sup> Edition Chapter 6.020

**Analytical Platform:** Cultural Method

**Special Information:** This method has limited applicability to non-heat-treated cultured products.  
Use this method when required by regulatory bodies (e.g. FDA, CDFA, etc.)

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
SPC Result (32°C)		SPC/g SPC/mL	<250 SPC/g <25 SPC/mL	