



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** *Escherichia coli* O157:H7 BAX® MP

**Method Number:** NQA-57.0003

**Scope of Application:** Refrigerated doughs & related samples (nuts, dried fruits, grains, dairy fats and derivatives).

**Description:** This method is a qualitative two day PCR screening test for *Escherichia coli* O157:H7 on the DuPont BAX® system. Samples are enriched in a non-selective broth with vancomycin to allow the recovery and growth of *Escherichia coli* O157:H7. When a positive result is obtained, it is confirmed according to the biochemical and serological procedures of BAM Chpt 4a: Diarrheagenic *Escherichia coli*.

**Sample Weight Required:** 25 g and 375 g

**Method Reference:** AOAC Research Institute Performance Tested Methods #050501

AFNOR validation certificate #QUA 18/04-03/08

Health Canada #MFLP-30, supplement 2\*

People's Republic of China AQSIQ

USDA-FSIS #MLG 5A.00

**Analytical Platform:** PCR

**Special Information:** For detection of Shigatoxic *E. coli* (STEC), please reference LI-00.768.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
<i>Escherichia coli</i> O157:H7		Per g, mL, or swab	Detected / Not Detected	