

Technical Datasheet

Analysis Name: Enumeration of Coagulase + Staphylococci Petrifilm™

Method Number: LI-00.763

Scope of Application: Raw materials, line, and finished products including pet food. Not validated for testing on environmental samples and probiotic samples. Additionally, this test is not appropriate for high acid samples and spices.

Description: A quantitative method for the enumeration of coagulase-positive staphylococci using the 3M Petrifilm™ Staph Express Count System. Samples are diluted and inoculated on the surface of the petrifilm and incubated at 37 °C for 24 hours. Typical red-violet colonies are then confirmed using the Staph Express Disk.

Sample Weight Required: 25 g

Method Reference: AOAC OM 2003.07, AOAC OM 2003.08, AOAC 2003.11, AFNOR Cert. No.: 3M 01/09-04/03(2003, 2007 and 2011), NordVal Ref. No.: 2003-20-5408-00019, HPFB BMH Volume 3 English MFLP-21 July 2004 EN

Analytical Platform: 3M Petrifilm™

Special Information: The Staph Express Petrifilm™ may not be applicable in chocolate and cocoa-based food matrices, unless the sample is sufficiently diluted. This is due to the strong coloration of the Petrifilm™ surface area. Coagulase-positive staphylococci are predominantly *Staphylococcus aureus*, but *Staphylococcus intermedius* and certain strains of *Staphylococcus hyicus* may be included.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
CPS Express Final		CFU/g	<10 CFU/g	