

# Technical Datasheet

<b>Analysis Name:</b>	Detection of <i>Listeria</i> spp. by VIDAS® LPT
<b>Method Number</b>	LI-00.705
<b>Scope of Application:</b>	Raw materials, environmental, line and finished product samples.
<b>Description:</b>	This method is a qualitative next-day screening test for <i>Listeria</i> spp. The assay is performed on the Biomeriëux VIDAS® automated detection system utilizing Enzyme Linked Fluorescent Assay (ELFA) technology. Prior to the assay, samples are enriched in selective LPT broth to allow the recovery and growth of <i>Listeria</i> . When a positive result is obtained, samples are isolated to confirm the presence of <i>Listeria</i> – genus only. This variation (LI- 00.705) will not provide identification of <i>Listeria</i> species.
<b>Sample Weight Required:</b>	25g, 100g, and 125g
<b>Method Reference:</b>	This method is based on an alternative method that has been validated by AFNOR. AFNOR validation is according to ISO- 16140:2003 protocol (certificate number BIO 12/23 - 05/12). The method also has AOAC Official Analysis status (method number 2013. 10).
<b>Analytical Platform:</b>	Enzyme Linked Fluorescent Assay - VIDAS®
<b>Special information</b>	Matrices containing anti caking agents like sodium silico aluminate may require a higher enrichment dilution to overcome coagulation in the ELFA assay. Matrices that are inhibitory to the growth of <i>Listeria</i> when enriched at 1:10 are also subject to higher dilutions.

Analyte Reported	Unit of Measure	Result
<i>Listeria</i> spp	Per g, mL or swab	Presence / Absence