

CERTUS is on a Mission to Make the World a Safer Place to Eat

March 2016	December 2016	February 2017	June 2017
Technology License From BD	Environmental <i>Listeria</i> Assay Research and Development Begins with Solus Scientific	Prototype Detection Unit Become Available and Assay R&D Moves Forward	CERTUS Brand Launched at IAFP
May 2018	July 2018	October 2018	March 2019
CERTUS System Debuts at Food Safety Summit	External Validation Studies Initiated	CERTUS Detection System Gains AOAC Certification	Debut of Empower™ Software

Future Direction

Build out Environmental Menu with <i>Salmonella</i> , <i>E. Coli</i> 0157:H7	Apply CERTUS Technology Platform to the Direct Testing of Food Products	Increase Functionality to the Empower™ Software
Increase Throughput	Assess the Potential to Run a Multi-plex Targeted Assay using Unique SERS Reported Groups	

Revolutionary Technologies and Strategic Partnerships Make CERTUS an Innovative Leader in Food Safety



The CERTUS System featured core SERS technology and instrument design based on innovative technology exclusively licensed from BD (Becton, Dickinson and Company), a leading global medical technology company, for applications in the food safety market.

This revolutionary technology enables CERTUS to provide easy and cost effective ways to detect environmental *Listeria* in food processing environments.



Assay development is conducted in collaboration with UK-based Solus Scientific. With a strong technical team at Solus' Research and Development laboratory, CERTUS developed a robust assay with high sensitivity and specificity for detection of *Listeria* spp. on a variety of environmental surfaces and is currently developing an environmental assay based on the same technology.

Solus has scientific expertise in the development of immunoassay-based tests specific for the food pathogen testing market.

