

# **USDA/FSIS Leadership Endorsement of MSD/CSD Sampling for Beef Trim**

## **Dallas, TX-March 2018**

The Head Administrator of the USDA FSIS, Dr. Paul Kiecker, and Assistant Head, Dr. David Goldman, both reviewed MSD and CSD testing as part of their presentations on USDA regulatory updates. Their presentations were made at the Beef Industry Food Safety Conference (BIFSCO) in Dallas in March of 2018. MSD and CSD have earned a No Objection Letter from USDA/FSIS. During his presentation, Dr. Kiecker made the statement, "I don't know why we wouldn't be using this."

This new technology was developed by two USDA Food Scientists working at the Meat Animal Research Center in Clay Center, Nebraska. The technology known as Manual Sampling Devise and Continuous Sampling Devise, or MSD, CSD, provides a non-destructive comprehensive method of sampling for pathogens in beef trim. The benefit of this sampling method is that it potentially provides a more representative sample of the total combo.

MSD sampling includes swabbing the entire top of a beef trim combo tote. CSD sampling involves all the trim passing over the sampling devise as it enters the combo tote. The percentage of the total population of Trim sampled is significantly higher than using the current N60 or N60+ testing methods.

Dr. Goldman reviewed the fact that there is a patent pending on this technology with ARS and an exclusive licensing agreement with FREMONTA Corp. Both MSD and CSD testing technology is available today from FREMONTA Corp.

### **FREMONTA Corp. - Advancing Testing Technology**

FREMONTA is an independent Corporation created to bring the latest advancements in sampling and analysis technology to the Food Processing Industry. Partnering with USDA Meat Animal Research Scientist and Food Industry Leaders, FREMONTA is producing and delivering the latest testing methodology and sampling devises to the market. FREMONTA's mission is to provide the most effective sampling techniques that guarantee the most comprehensive and accurate results. FREMONTA is a US company producing sampling devises and analysis equipment in the United States.

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