

Spore Methods Project
October 2018
Milk Quality Improvement Program
Department of Food Science
Cornell University

Materials

- ☐ Plate count skim milk agar
- ☐ TSA + 1% starch
- ☐ 99mL dilution blanks (Phosphate buffer)
- ☐ 50g samples of milk powders A-J
- ☐ Modified pressure cooker
- ☐ Induction cooktop

SOPs

- ☐ Spore Pasteurization
- ☐ Highly Heat Resistant Spore Pasteurization
- ☐ Specially Thermoresistant Spore Enumeration
- ☐ Specially Thermoresistant Spore Enumeration (Video)

Project Documentation

- ☐ Phase II Flow Chart