

Engenuity Test on Boneless Chicken Breasts

Objectives:

- ✓ Periodically evaluate the quality of boneless chicken breasts with BioPhoton-X™ technology vs. untreated boneless chicken breasts.
- ✓ Evaluate appearance (odor, color, texture) through various observers who were unaware of the test being run.

Testing Procedure BioPhoton-X™

- ✓ Set up a circulation system with a water pump and two Engenuity Photonic Screens.
- ✓ Submerge the photonic screens and recirculate for 4.5 minutes.
- ✓ After recirculation, submerge chicken breasts for 70 seconds.
- ✓ Set up trays with treated chicken breasts and place photonic screens next to them.



Test Date: 08/07/2013

Duration: 10 days

Control B	Test A	Test C	Time Strip
Lasted 7 days (bad odor, bad color, slimy, spoiled)	Lasted 10 days (good odor, good color, good appearance, not spoiled)	Lasted 10 days (good odor, good color, good appearance, not spoiled)	In all cases, little exposition to over 5°C.

*BioPhoton-X™ Test C with greater preference in odor and color than the Test A.

