Appendix B - Validated test kits for microbial testing of spent irrigation water during sprout production

**Sampling and Testing Procedures**
Follow the sampling and testing procedures as described in the FDA guidance document (Guidance for Industry: *for industry: sampling and microbial testing of spent irrigation water during sprout production*).

**Test Kits**

*A. Cited by the 1999 FDA guidance*

**Escherichia coli O157:H7**
1. VIP EHEC, Biocontrol Systems, Inc., Bellview, WA., (AOAC Official method # 996.09) or
2. Reveal E. coli O157:H7, Neogen Corp., Lansing, MI.

**Salmonella**
1. Assurance Gold *Salmonella* EIA, (AOAC Official method # 999.08) or
2. Visual Immunoprecipitate (VIP) Assay for *Salmonella*, (AOAC Official method 1B 999.09)
(Both kits are manufactured by Biocontrol Systems, Inc., 12822 SE 32nd Street, Bellevue, WA 98005).

*B. Additional AOAC Performance tested rapid methods validated for sprouts*

Reveal® *Salmonella* 2.0 Test System (Neogen Corp, Lansing, MI)

BAX® System with Automated Detection PCR Assay for Screening *Salmonella* (DuPont Qualicon Inc., Wilmington, DE)

Transia Plate *Salmonella* Gold (Raisio Diagnostics AB, Raisio, Finland)

VIDAS® Easy SLM (Salmonella) with ChromID™ *Salmonella* (SM2) Agar (BioMerieux, Durham, NC)

*E. coli* O157, Stx-productin *E. coli* (STEC) with Intimin and *Salmonella* Test System (IEH Laboratories and Consulting Group, Lake Forest Park, WA).