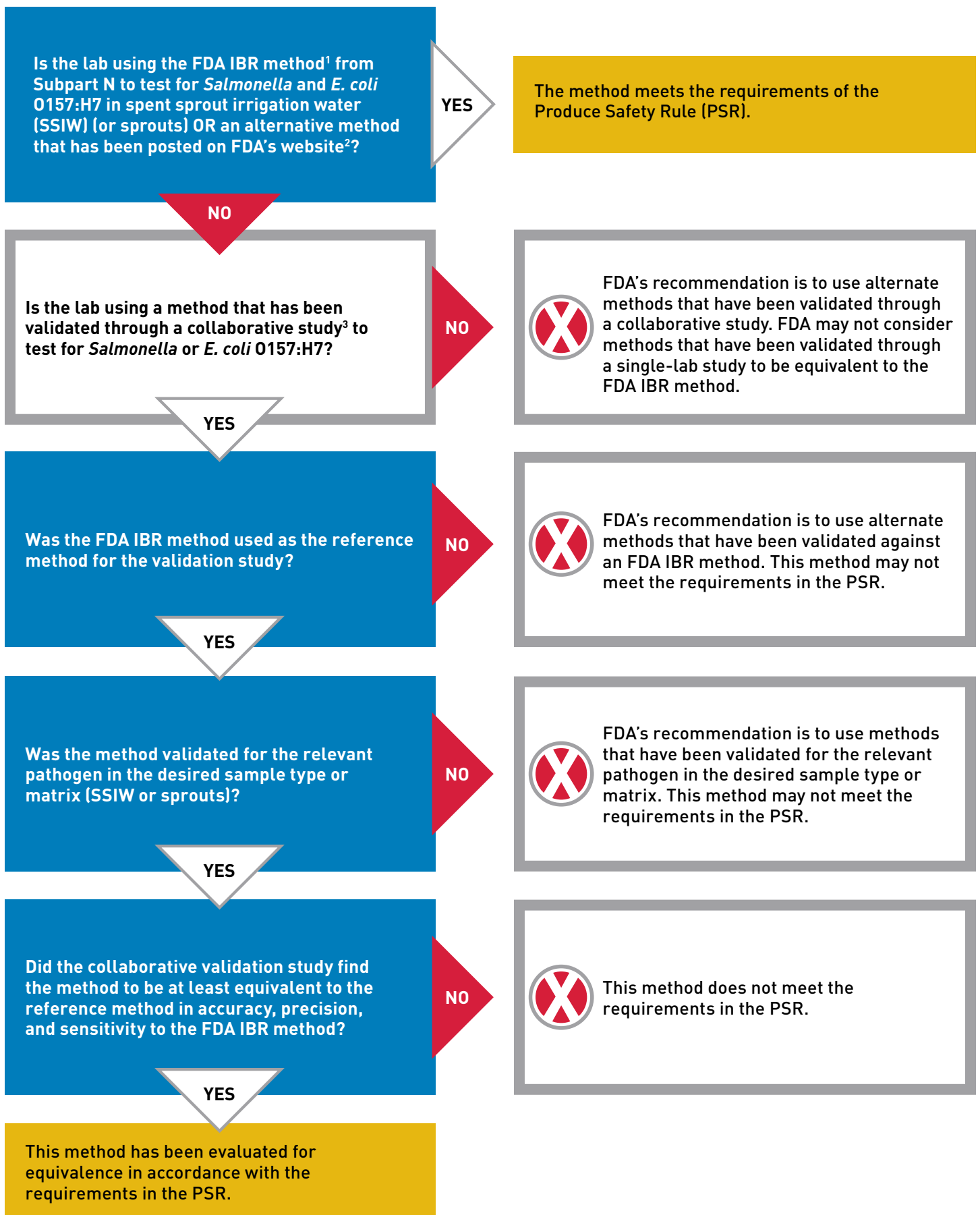


## STANDARDS FOR PRODUCE SAFETY (21 PART 112)

### Decision Tree for Test Methods Requirements of *Salmonella* and *E. coli* O157:H7 in Spent Sprout Irrigation Water (or Sprouts)

In accordance with § 112.153(a), spent sprout irrigation water (or in-process sprouts) from each production batch must be tested for *E. coli* O157:H7 and *Salmonella* species using either the method of analysis described in “Testing methodologies for *E. coli* O157:H7 and *Salmonella* species in spent sprout irrigation water (or sprouts)” (§ 112.153(a)(1)); or a scientifically valid method that is at least equivalent to this method in accuracy, precision, and sensitivity (§ 112.153(a)(2)). Below are factors to consider when determining whether a test method may meet the requirements of the Produce Safety Rule.



<sup>1</sup> IBR means Incorporated by Reference. This method is described in “Testing methodologies for *E. coli* O157:H7 and *Salmonella* species in spent sprout irrigation water (or sprouts)” (currently available at <http://www.fda.gov/downloads/Food/FoodScienceResearch/LaboratoryMethods/UCM467055.pdf>) (§ 112.153(a)(1));

<sup>2</sup> See: <https://www.fda.gov/food/laboratory-methods-food/equivalent-testing-methodologies-e-coli-o157h7-and-salmonella-spent-sprout-irrigation-water-or>

<sup>3</sup> See: <http://www.fda.gov/downloads/ScienceResearch/FieldScience/UCM298730.pdf>, AOAC International's Appendix J or ISO 16140:2016.