### Appendix B-1: Essential Organisms List

#### Page 1 of 3

**Appendix 9. Essential Reference Organisms and Toxins**

<table>
<thead>
<tr>
<th>Genus</th>
<th>Species/Serotype</th>
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<td>1. A minimum of 35 of the top 50 serotypes isolated in the United States from 1968 to 1998 (see attached table</td>
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<td>2. Representations from somatic groups B-I (serotypes should be evenly distributed across the groups). A minimum of 30 serotypes seems appropriate.</td>
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<td>Representatives from “further groups”. These further groups should also include representative serotypes from <em>S. enterica</em>, subspecies <em>salamae</em> (II), <em>avium</em> (IIa), <em>diarizonae</em> (IIb), <em>houtenae</em> (IV), and <em>indica</em> (VI). <em>S. congri</em> should also be included if possible.</td>
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### Essential Organisms List

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* This table presents a reasonably comprehensive inclusivity list of reference pathogenic and related microbiological species and toxins that must be included in any validations study. Other strains used for inclusivity or exclusivity must be characterized using nationally or internationally accepted reference methods. The pre-collaborative and/or collaborative study protocols submitted by method developers or study directors for review, will be evaluated by an expert panel to ensure that the strains selected for exclusivity include a sufficient number of appropriate “nearest-neighbours” to also challenge the inclusivity of the method.