

## Microbiology Assessment

### Analytical Track 2: Human Food Product and Environmental Testing

Attribute	Value	Points Earned
1. ISO 17025 accredited methods under scope <ul style="list-style-type: none"> <li>a. Salmonella</li> <li>b. Listeria</li> <li>c. E. coli O157:H7</li> </ul>	<ul style="list-style-type: none"> <li>a. 25 points</li> <li>b. 25 points</li> <li>c. 25 points</li> </ul>	
2. Primary servicing laboratory for MFRPS	50 points	
3. Regulatory Laboratory for human food	100 points	
4. Ability to screen human food and environmental samples for: <ul style="list-style-type: none"> <li>a. Campylobacter</li> <li>b. Clostridium botulinum</li> <li>c. Clostridium perfringens</li> <li>d. Clostridium difficile</li> <li>e. Staphylococcus aureus</li> <li>f. Bacillus cereus</li> <li>g. Brucella sp.</li> <li>h. Shigella sp.</li> <li>i. Salmonella enteritidis</li> <li>j. Yersinia enterocolitica</li> <li>k. Vibrio parahaemolyticus</li> <li>l. Vibrio vulnificus</li> <li>m. Vibrio cholerae</li> <li>n. Enterobacter sakazakii</li> <li>o. Aerobic Plate Counts</li> <li>p. Coliform (MPN)</li> <li>q. Generic E. coli (MPN)</li> </ul>	5 points each	
5. Ability to screen human food and environmental samples for: <ul style="list-style-type: none"> <li>a. Hepatitis A Virus</li> <li>b. Norovirus</li> <li>c. Cyclospora</li> </ul>	<ul style="list-style-type: none"> <li>a. 10 points</li> <li>b. 10 points</li> <li>c. 20 points</li> </ul>	
6. Ability to conduct antimicrobial susceptibility testing (AST) in human food	5 points	
7. Ability to perform:		

<ul style="list-style-type: none"> <li>a. Less than 50 analyses per month</li> <li>b. 51 – 200 analyses per month</li> <li>c. Greater than 200 analyses per month</li> </ul>	<ul style="list-style-type: none"> <li>a. 10 points</li> <li>b. 50 points</li> <li>c. 100 points</li> </ul>	
<p>8. ISO 17025 accredited methods besides Salmonella, Listeria, and E. coli O157:H7 that are related to FDA regulated human food and environmental products</p>	<p>5 points each, with maximum of 80 points</p>	
<p>9. Past participation in multi-laboratory and method validations related to human food</p>	<p>10 points per project, with maximum of 50 points</p>	
	<p>Total Available Points: 585</p>	