

Radiochemistry Assessment

Analytical Tracks 1: Food Defense

Attribute	Value	Points Earned
1. ISO 17025 accredited methods under scope: a. Gamma in foods b. Alpha/Beta food detection	10 points each	
2. Animal diagnostics laboratory with food and feed analytical capability	15 points	
3. Regulatory Laboratory for: a. Human food b. Animal food	a. 10 points b. 10 points	
4. Ability to analyze human and animal food for: a. Gamma b. Alpha/Beta Screening c. Alpha Quantification d. Beta Quantification	a. 5 points b. 5 points c. 10 points d. 15 points	
5. Number of analysts with 3 or more years of experience with Gamma analysis of foods a. 1 analyst b. 2 analysts c. 3 or more analysts	a. 5 points b. 10 points c. 15 points	
6. Number of analysts with 3 or more years of experience with Alpha/Beta method a. 1 analyst b. 2 analysts c. 3 or more analysts	a. 5 points b. 10 points c. 15 points	
7. Number of analysts with 3 or more years of experience with Alpha quantification methods a. 1 analyst b. 2 analysts c. 3 or more analysts	a. 5 points b. 10 points c. 15 points	
8. Number of analysts with 3 or more years of experience with Beta quantification methods		

<ul style="list-style-type: none"> a. 1 analyst b. 2 analysts c. 3 or more analysts 	<ul style="list-style-type: none"> a. 5 points b. 10 points c. 15 points 	
<p>9. Number of analysts with 3 or more years of experience with ICP/MS</p> <ul style="list-style-type: none"> a. 1 analyst b. 2 analysts c. 3 or more analysts 	<ul style="list-style-type: none"> a. 5 points b. 10 points c. 15 points 	
<p>10. Number of analysts with 3 or more years of experience with Radioanalytical Separation chemistry</p> <ul style="list-style-type: none"> a. 1 analyst b. 2 analysts c. 3 or more analysts 	<ul style="list-style-type: none"> a. 5 points b. 10 points c. 15 points 	
<p>11. Number of FERN proficiency test events completed</p> <ul style="list-style-type: none"> a. 1 PT b. 2 – 4 PTs c. More than 5 PTs 	<ul style="list-style-type: none"> a. 5 points b. 10 points c. 15 points 	
<p>12. Equipment available for use to support this project</p> <ul style="list-style-type: none"> a. Gamma detection b. Liquid scintillation Counter c. Gas Proportional Counter d. Alpha Spectrometers e. ICP/MS 	5 points each	
Total Possible Points: 210		