

## Sample Statistical Summary

MAPEP-10-GrF22

Analyte	T(1)	A(2)	Grand(3) Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range
Radiological						Units: (Bq/sample)	
Gross alpha	57	56	0.245	0.149	0.427	0.005	>0.0 - 0.854
Gross beta	57	51	1.33	0.16	1.29	0.02	0.65 - 1.94

**Note:** (1) T = Total number of laboratories reporting analyte.  
(2) A = Number of laboratories with 'Acceptable' performance.

### Gross Alpha Criteria:

Acceptable Result: Bias  $\leq$  +/- 100% with a statistically positive result at two standard deviations (Result/Uncertainty  $> 2$ , i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).

### Gross Beta Criteria:

Acceptable Result: Bias  $\leq$  +/- 50% with a statistically positive result at two standard deviations (Result/Uncertainty  $> 2$ , i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).