

Alternative testing methods for contaminants listed at 40 CFR 141.25(a)

Contaminant	Methodology	SM 21 st Edition ¹	ASTM ⁴
Naturally Occurring:			
Gross alpha and beta	Evaporation	7110 B	
Gross alpha	Coprecipitation	7110 C	
Radium 226	Radon emanation	7500-Ra C	
	Radiochemical	7500-Ra B	
Radium 228	Radiochemical	7500-Ra D	
Uranium	Radiochemical	7500-U B	
	ICP-MS		D5673-05
	Alpha spectrometry	7500-U C	

Man-Made:

Radioactive Cesium	Radiochemical	7500-Cs B	
	Gamma Ray Spectrometry	7120	
Radioactive Iodine	Radiochemical	7500-I B	
		7500-I C	
		7500-I D	
	Gamma Ray Spectrometry	7120	
Radioactive Strontium 89, 90	Radiochemical	7500-Sr B	
Tritium	Liquid Scintillation	7500- ³ H B	
Gamma Emitters	Gamma Ray Spectrometry	7120	
		7500-Cs B 7500-I B	

Alternative testing methods for contaminants listed at 40 CFR 141.74(a)(1)

Organism	Methodology	SM 21 st Edition ¹
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