



Water Radionuclides, MRAD



One 12 mL screw-top vial yields up to 2 liters after dilution. Includes the alpha, beta and gamma emitting radionuclides listed below.



VARIANTS

Item no.	Name	Product Type	Study Frequency	Study Type	Accreditations
804	Water Radionuclides	PT	Biannually (March, September)	MRAD	ISO 17043

Item no.	Name	Product Type	Study Frequency	Study Type	Accreditations
Specifications					
Product Family		Environmental			
Product Category		Radiochemistry			
Product Sub Category		Radchem			
Methods		EPA 901.1, HASL 300, EPA 6020A, EPA 6020B			
Storage		20 - 25C (Ambient)			
Shelf Life from date of manufacture (months)		36			
Minimum shelf life on ship date (months)		12			
Components per Package		1			
Container Type		12mL Vial			
Volume		12 mL			
Weight		0.05 lbs			
Application		Environmental			
617QR	Water Radionuclides, MRAD QR	QR		MRAD	ISO 17043
Specifications					
Product Family		Environmental			
Product Category		Radiochemistry			
Product Sub Category		Radchem			
Methods		EPA 901.1, HASL 300, EPA 6020A, EPA 6020B			
Storage		20 - 25C (Ambient)			
Shelf Life from date of manufacture (months)		36			
Minimum shelf life on ship date (months)		12			
Components per Package		1			
Container Type		12mL Vial			
Volume		12 mL			
Weight		0.05 lbs			
Application		Environmental			

Item no.	Name	Product Type	Study Frequency	Study Type	Accreditations
617	Water Radionuclides, MRaD™	RM		MRAD	ISO 17034
Specifications					
Product Family		Environmental			
Product Category		Radiochemistry			
Product Sub Category		Radchem			
Methods		EPA 901.1, HASL 300, EPA 6020A, EPA 6020B			
Storage		20 - 25C (Ambient)			
Shelf Life from date of manufacture (months)		36			
Minimum shelf life on ship date (months)		12			
Components per Package		1			
Container Type		12mL Vial			
Volume		12 mL			
Weight		0.05 lbs			
Application		Environmental			

ANALYTES

Analyte	Low Conc	High Conc	Units
Americium-241	10	200	pCi/L
Cesium-134	100	3000	pCi/L
Cesium-137	100	3000	pCi/L
Cobalt-60	100	3000	pCi/L
Iron-55	100	3000	pCi/L
Manganese-54	100	3000	pCi/L
Plutonium-238	10	200	pCi/L
Plutonium-239	10	200	pCi/L
Strontium-90	50	1000	pCi/L

Analyte	Low Conc	High Conc	Units
Uranium (mass)	30	600	µg/L
Uranium-234	10	200	pCi/L
Uranium-238	10	200	pCi/L
Uranium-Total	20	400	pCi/L
Zinc-65	100	3000	pCi/L