

River sediment - Radioactivity

Art. ID	NIST-4350B
Unit	85 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) consists of approximately 85 grams of freeze-dried, pulverized river sediment (2) in polythylene bottle. The SRM is intended for use in tests of measurements of environmental radioactivity contained in matrices similar to the sample (3). /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	241Am		1,5 x 10 ⁻⁴	Bq/g		
	60Co		4,64 x 10 ⁻³	Bq/g		
	137Cs		2,90 x 10 ⁻²	Bq/g		
	152Eu		2,90 x 10 ⁻²	Bq/g		
	154Eu		3,78 x 10 ⁻³	Bq/g		
	226Ra		3,58 x 10 ⁻²	Bq/g		
	238Pu		1,3 x 10 ⁻⁵	Bq/g		
	239Pu + 240Pu		5,08 x 10 ⁻⁴	Bq/g		