

Kalibrier- und Messmöglichkeiten „Ionisierende Strahlung“

(Calibration and measurement capabilities „Ionizing Radiation“)

Bereich (Branch): Radioaktivität (Radioactivity)

Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty			
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage factor	Level of confidence
Photon Emission Rate	Single or Multiple Nuclide Point Source	X- and gamma-ray Spectrometry	1E+03	1E+05	s ⁻¹		5 - 10 keV	6,0	%	2	
Photon Emission Rate	Single or Multiple Nuclide Point Source	X- and gamma-ray Spectrometry	1E+03	1E+05	s ⁻¹		10 - 80 keV	2,5	%	2	
Photon Emission Rate	Single or Multiple Nuclide Point Source	Gamma-ray Spectrometry	1E+03	2E+05	s ⁻¹		10 - 30 keV	10	%	2	
Photon Emission Rate	Single or Multiple Nuclide Point Source	Gamma-ray Spectrometry	1E+03	2E+05	s ⁻¹		30 - 100 keV	2,5	%	2	
Photon Emission Rate	Single or Multiple Nuclide Point Source	Gamma-ray Spectrometry	1E+03	2E+05	s ⁻¹		100 - 1900 keV	1,5	%	2	