

DIN EN ISO 10703:2015-12 (E)

Water quality - Determination of the activity concentration of radionuclides - Method by high resolution gamma-ray spectrometry (ISO 10703:2007)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions.....	7
4 Symbols and units	9
5 Principle.....	10
6 Reference sources.....	10
7 Reagents.....	10
8 Gamma spectrometry equipment.....	11
9 Sampling.....	13
10 Procedure	13
11 Expression of results	16
12 Test report	21
Annex A (informative) Example of a carrier solution which can be added to the water sample when waste water from a nuclear power plant is investigated	22
Annex B (informative) Calculation of the activity concentration from a gamma spectrum using a linear background subtraction (undisturbed peak)	23
Bibliography	25