



BSI Standards Publication

**Measurement of radioactivity in
urine- ^{238}Pu , ^{239}Pu and ^{240}Pu — Test method
using alpha spectrometry or ICP-MS**

National foreword

This British Standard is the UK implementation of ISO 18990:2025.

The UK participation in its preparation was entrusted to Technical Committee NCE/2, Radiation protection and measurement.

A list of organizations represented on this committee can be obtained on request to its committee manager.

UK users of this standard are advised that the excretion fractions and dose coefficients used to calculate the expected urinary excretion rates in Clause 5 are taken from the ICRP *Occupational Intakes of Radionuclide* series of documents (ICRP, 2019, *Occupational Intakes of Radionuclides: Part 4*. ICRP Publication 141. *Ann. ICRP* 48, no. 2–3).

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Published by BSI Standards Limited 2026

ISBN 978 0 539 40829 4

ICS 17.240

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 December 2025.

Amendments/corrigenda issued since publication

Date	Text affected
31 January 2026	Incorporation of additional national foreword text and correction to title formatting