



BSI Standards Publication

Nuclear energy — Determination of Gd_2O_3 content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES)

National foreword

This British Standard is the UK implementation of EN ISO 16796:2023. It is identical to ISO 16796:2022. It supersedes BS ISO 16796:2022, which is withdrawn

The UK participation in its preparation was entrusted to Technical Committee NCE/9, Nuclear Installations, Processes & Technologies (for the development of ISO 16796:2022) and Technical Committee NCE/2, Radiation protection and measurement (for the EN ISO 16796:2023 endorsement).

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English Version

Nuclear energy - Determination of Gd₂O₃ content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES) (ISO 16796:2022)

Énergie nucléaire - Dosage de Gd₂O₃ dans des mélanges de poudres et dans des pastilles combustibles au gadolinium par spectrométrie par émission atomique à plasma à couplage inductif (ICP-AES) (ISO 16796:2022)

Kerntechnik - Bestimmung des Gadoliniumoxidgehalts in Gadolinium-Brennstoffgemischen und Gadolinium-Brennstofftabletten mittels Atomemissionsspektrometrie mit induktiv gekoppeltem Plasma (ISO 16796:2022)

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European foreword

The text of ISO 16796:2022 has been prepared by Technical Committee ISO/TC 85 "Nuclear energy, nuclear technologies, and radiological protection" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 16796:2023 by Technical Committee CEN/TC 430 "Nuclear energy, nuclear technologies, and radiological protection" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2024, and conflicting national standards shall be withdrawn at the latest by January 2024.

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Endorsement notice

The text of ISO 16796:2022 has been approved by CEN as EN ISO 16796:2023 without any modification.

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