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British Standard

Sampling and analysis of nickel, ferronickel and nickel alloys

Part 6. Method for determination of sulphur in nickel by methylene blue molecular absorption spectrometry after generation of hydrogen sulphide

[ISO title: Nickel — Determination of sulfur content — Methylene blue molecular absorption spectrometric method after generation of hydrogen sulfide]

Echantillonnage et analyse du nickel, du ferro-nickel et des alliages de nickel
Partie 6. Méthode de dosage du soufre dans le nickel par spectrométrie d'absorption moléculaire au bleu de méthylène après distillation d'acide sulfhydrique

Probenahme und Analyse von Nickel, Ferronickel und Nickellegierungen
Teil 6. Nickel; Verfahren zur Bestimmung des Schwefelgehalts; photometrische Bestimmung als Methylenblau nach Abtrennung als Schwefelwasserstoff

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National foreword

This Part of BS 6783 has been prepared under the direction of the Non-ferrous Metals Standards Committee. It is identical with ISO 7525-1985 'Nickel — Determination of sulfur content — Methylene blue molecular absorption spectrometric method after generation of hydrogen sulfide' published by the International Organization for Standardization (ISO).

At present this British Standard consists of nine Parts all concerned with analysis of nickel, ferronickel and nickel alloys. Further international standards are in preparation on sampling and analysis of nickel, ferronickel and nickel alloys and, when available, these will be published as further Parts of this British Standard.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Part of BS 6783'.

In British Standards it is current practice to use the symbol 'L' for litre (and in its submultiples) rather than 'l' and to use the spelling 'sulphur', etc., instead of sulfur, etc.

Cross-references

International standards	Corresponding British Standards
ISO 5725-1981	BS 5497 Precision of test methods Part 1 : 1979 Guide for the determination of repeatability and reproducibility for a standard test method (Technically equivalent)
ISO 7526-1986	BS 6783 Sampling and analysis of nickel, ferronickel and nickel alloys Part 7 : 1986 Method for determination of sulphur in nickel, ferronickel and nickel alloys by infra-red absorption after induction furnace combustion (Identical)

Compliance with a British Standard does not of itself confer immunity from legal obligations.