

# Foodstuffs — Determination of nitrate and/or nitrite content

## Part 2. HPLC/IC method for the determination of nitrate content of vegetables and vegetable products

The European Standard EN 12014-2 : 1997 has the status of a  
British Standard

ICS 67.080.20

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# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Panel AW/-/3, Food analysis — Horizontal methods, upon which the following bodies were represented:

- Association of Public Analysts
- Food and Drink Federation
- Institution of Food Science and Technology
- Laboratory of the Government Chemist Ltd.
- Ministry of Agriculture, Fisheries and Food
- Royal Society of Chemistry

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Board, was published under the authority of the Standards Board and comes into effect on 15 August 1997

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The following BSI references relate to the work on this standard:  
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# National foreword

This Part of BS EN 12014 has been prepared by Technical Panel AW/-/3 and is the English language version of EN 12014-2 : 1997 *Foodstuffs — Determination of nitrate and/or nitrite content — Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products*, published by the European Committee for Standardization (CEN).

## Cross-references

| Publication referred to | Corresponding British Standard                                                                                            |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| EN 12014-1 : 1997       | BS EN 12014-1 : 1997 <i>Foodstuffs — Determination of nitrate and/or nitrite content — Part 1: General considerations</i> |
| EN ISO 3696 : 1995      | BS EN ISO 3696 : 1995 <i>Water for analytical laboratory use. Specification and test methods</i>                          |

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

## Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

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Descriptors: Food products, vegetables, chemical analysis, determination of content, nitrates, nitrites, high performance liquid chromatography

English version

## Foodstuffs — Determination of nitrate and/or nitrite content — Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products

Produits alimentaires — Détermination de la teneur  
en nitrates et/ou nitrites —

Partie 2: Détermination par CLHP/CI de la teneur en  
nitrates des légumes et produits à base de légumes

Lebensmittel — Bestimmung des Nitrat- und/oder  
Nitritgehaltes —

Teil 2: HPLC/IC Verfahren für die Bestimmung des  
Nitratgehaltes in Gemüsen und  
Gemüseerzeugnissen

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European Committee for Standardization  
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Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

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Foreword

This European Standard has been prepared by CEN/TC 275, Food analysis — Horizontal methods, the secretariat of which is held by DIN.

This series *Foodstuffs — Determination of nitrate and/or nitrite content* consists of the following Parts:

- Part 1: *General considerations*
- Part 2: *HPLC/IC method for the determination of nitrate content of vegetables and vegetable products*
- Part 3: *Spectrometric determination of nitrate and nitrite content of meat products after enzymatic reduction of nitrate to nitrite*
- Part 4: *IC method for the determination of nitrate and nitrite content of meat products*
- Part 5: *Enzymatic determination of nitrate content of vegetable-containing food for babies and infants*
- Part 7: *Continuous flow method for the determination of nitrate content of vegetables and vegetable products after cadmium reduction*

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 October 1997 and conflicting national standards shall be withdrawn at the latest by October 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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