
Alge in izdelki iz alg - Ugotavljanje vsebnosti fikocianina v Arthrospira (Spirulina)

Algae and algae products - Determination of the phycocyanin content in Arthrospira (Spirulina)

Algen und Algenprodukte - Bestimmung des Phycocyaningehalts in Arthrospira (Spirulina)

Algues et produits à base d'algues - Détermination de la teneur en phycocyanine d'Arthrospira (Spiruline)

Ta slovenski standard je istoveten z: EN 18204:2026

ICS:

13.020.55

Biološki izdelki

Biobased products

SIST EN 18204:2026**en,fr,de**

Sample Document

get full document from standards.iteh.ai

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 18204

May 2026

ICS 13.020.55

English Version

**Algae and algae products - Determination of the
phycocyanin content in *Arthrospira* (Spirulina)**

Algues et produits d'algues - Détermination de la
teneur en phycocyanine dans *Arthrospira* (spiruline)

Algen und Algenprodukte - Bestimmung des
Phycocyaningehalts in *Arthrospira* (Spirulina)

This European Standard was approved by CEN on 13 April 2026.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

get full document from standards.iteh.ai



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

© 2026 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. EN 18204:2026 E

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	6
5 Apparatus	6
6 Reagents and materials	6
7 Procedures	6
7.1 Handling of samples	6
7.2 Preparation and storage of the phosphate buffer	6
7.3 Extraction protocol	7
7.4 Procedure for obtaining the supernatant	7
7.5 C-PC and APC spectrophotometric determination and quantification	7
7.6 Purity criteria	8
8 Calculations	8
8.1 General	8
8.2 Interlaboratory reproducibility	9
9 Report	9
Annex A (informative) Results of interlaboratory trial and interlaboratory study for phycobiliproteins	10
Bibliography	13

European foreword

This document (EN 18204:2026) has been prepared by Technical Committee CEN/TC 454 “Algae and algae products”, the secretariat of which is held by NEN.

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 November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Sample Document

get full document from standards.iteh.ai