

STN	Deriváty škrobu. Stanovenie zloženia glukózových sirupov, fruktózových sirupov a hydrogenizovaných glukózových sirupov. Metóda HPLC (ISO 10504: 2013).	STN EN ISO 10504 56 0435
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Starch derivatives - Determination of the composition of glucose syrups, fructose syrups and hydrogenated glucose syrups - Method using high-performance liquid chromatography (ISO 10504:2013)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/15

Obsahuje: EN ISO 10504:2015, ISO 10504:2013

Oznámením tejto normy sa ruší
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English Version

Starch derivatives - Determination of the composition of glucose syrups, fructose syrups and hydrogenated glucose syrups - Method using high-performance liquid chromatography (ISO 10504:2013)

Produits dérivés de l'amidon - Détermination de la composition des sirops de glucose, des sirops de fructose et des sirops de glucose hydrogénés - Méthode par chromatographie en phase liquide à haute performance (ISO 10504:2013)

Stärkederivate - Bestimmung der Zusammensetzung von Glucosesirup, Fructosesirup und hydriertem Glucosesirup - Verfahren mittels Hochleistungs-Flüssigchromatographie (ISO 10504:2013)

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European foreword

The text of ISO 10504:2013 has been prepared by Technical Committee ISO/TC 93 “Starch (including derivatives and by-products)” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10504:2015 by CEN.

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of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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Endorsement notice

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**Starch derivatives — Determination
of the composition of glucose syrups,
fructose syrups and hydrogenated
glucose syrups — Method using high-
performance liquid chromatography**

*Produits dérivés de l'amidon — Détermination de la composition
des sirops de glucose, des sirops de fructose et des sirops de glucose
hydrogénés — Méthode par chromatographie en phase liquide à
haute performance*





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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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The committee responsible for this document is ISO/TC 93, *Starch (including derivatives and by-products)*.

This second edition cancels and replaces ISO 10504:1998, of which it constitutes a minor revision.

Starch derivatives — Determination of the composition of glucose syrups, fructose syrups and hydrogenated glucose syrups — Method using high-performance liquid chromatography

1 Scope

This International Standard describes a high-performance liquid chromatographic (HPLC) method for measuring the composition of dextrose solutions, glucose syrups, fructose-containing syrups, hydrogenated glucose syrups, sorbitol, mannitol and maltitol. The constituents are mainly glucose, maltose, maltotriose, fructose, sorbitol, mannitol, maltitol and malto-oligosaccharides.

The use of a column packed with cation-exchange resin is essential.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*

ISO 5381:1983, *Starch hydrolysis products — Determination of water content — Modified Karl Fischer method*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN