SLOVENSKI STANDARD
SIST EN ISO 18744:2016/oprA1:2025

01-maj-2025

Mikrobiologija v prehranski verigi - Ugotavljanje prisotnosti in števila "Cryptosporidium" in "Giardia" v sveži zeleni listni zelenjavi in jagodičevju - Dopolnilo A1: Študija validacije metode in značilnosti delovanja (ISO 18744:2016/DAmd 1:2025)

Microbiology of the food chain - Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits - Amendment 1: Method validation studies and performance characteristics (ISO 18744:2016/DAmd 1:2025)

Mikrobiologie der Lebensmittelkette - Nachweis und Zählung von Cryptosporidium und Giardia in frischem grünem Blattgemüse und Beeren -Änderung 1 (ISO 18744:2016/DAmd 1:2025)

Microbiologie de la chaîne alimentaire - Recherche et dénombrement de Cryptosporidium et Giardia dans les légumes verts frais à feuilles et les fruits à baies - Amendement 1: Études de validation des méthodes et caractéristiques de performance (ISO 18744:2016/DAmd1:2025)

Ta slovenski standard je istoveten z: **EN ISO 18744:2016/prA1:2025**

ICS:

07.100.30	Mikrobiologija živil	Food microbiology
67.080.01	Sadje, zelenjava in njuni proizvodi na splošno	Fruits, vegetables and derived products in general

SIST EN ISO 18744:2016/oprA1:2025 **en,fr,de**

DRAFT
Amendment

ISO 18744:2016/ DAM 1

Microbiology of the food chain — Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits

AMENDMENT 1: Method validation studies and performance characteristics

Microbiologie de la chaîne alimentaire — Recherche et dénombrement de Cryptosporidium et Giardia dans les légumes verts frais à feuilles et les fruits à baies

AMENDEMENT 1: Études de validation des méthodes et caractéristiques de performance

ICS: 07.100.30

ISO/TC **34**/SC **9**

Secretariat: **AFNOR**

Voting begins on:
2025-03-25

Voting terminates on:
2025-06-17

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

Reference number
ISO 18744:2016/DAM 1:2025(en)

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 34, *Food products,* Subcommittee SC 9, *Microbiology*.

A list of all parts in the ISO 18744 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Title

Delete the text:

and enumeration

Explanation note: WG6 agreed to remove the term enumeration in the title and text since, due to the nature of the validation, the method cannot be considered quantitative but qualitative and the results should be reported only as presence/absence of the parasite in the matrix. Any enumeration in the method refers to the number of pre-labelled and enumerated non-viable Cryptosporidium oocysts and Giardia cysts that may be used as internal controls. The use of internal controls is recommended not mandatory.

Replace the text with the following:

Microbiology of the food chain — Detection of *Cryptosporidium* and *Giardia* on fresh leafy green vegetables and berry fruits

Contents

Add the following text after Annex C:

ISO 18744:2016/DAM 1:2025(en)

Annex D (informative) Method validation studies and performance characteristics

Introduction

Line 13

Delete the text:

and for their enumeration

1 Scope

Line 1

Delete the text:

and enumeration

8.1

e)

NOTE 1

Replace the text with the following:

Centrifugation at 2 500 x *g* can result in a very compact pellet. A lower speed of 1 100 x *g* for 10 min with no braking has been reported to give at least equivalent recoveries of *Cryptosporidium* oocysts and *Giardia* cysts.

i)

Replace the text with the following:

Centrifuge the eluate at 2 500 x *g* for 10 min with no braking.

NOTE 2

Replace the text with the following:

Centrifugation at 2 500 x *g* can result in a very compact pellet. A lower speed of 1 100 x *g* for 10 min with no braking has been reported to give at least equivalent recoveries of *Cryptosporidium* oocysts and *Giardia* cysts.

8.2

g)

Replace the text with the following:

Centrifuge the eluate at 2 500 x *g* for 10 min with no braking.

NOTE 2

Replace the text with the following:

Centrifugation at 2 500 x *g* can result in a very compact pellet. A lower speed of 1 100 x *g* for 10 min with no braking has been reported to give at least equivalent recoveries of *Cryptosporidium* oocysts and *Giardia* cysts.