
Pristnost živil - Kvantitativno določanje DNK srnjadi glede na DNK sesalcev v mesu in mesnih izdelkih

Food authenticity - Quantitation of roe deer DNA relative to mammalian DNA in meat and meat products

Lebensmittelauthentizität - Quantifizierung von Reh-DNA im Verhältnis zu Säugetier-DNA in Fleisch und Fleischprodukten

Authenticité des aliments - Quantification de l'ADN de chevreuil par rapport à l'ADN de mammifère dans la viande et les produits carnés

Ta slovenski standard je istoveten z: prEN 18057

[oSIST prEN 18057:2024](https://standards.oist.si/catalog/standard/347665/2-14-5b65-1-87-0708-04-d271-f10a/oist-pr-en-18057-2024)

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07.100.30	Mikrobiologija živil	Food microbiology
67.120.10	Meso in mesni proizvodi	Meat and meat products

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English Version

**Food authenticity - Quantitation of roe deer DNA relative
to mammalian DNA in meat and meat products**

Authenticité des aliments - Quantification de l'ADN de chevreuil par rapport à l'ADN de mammifère dans la viande et les produits carnés

Lebensmittelauthentizität - Quantifizierung von Reh-DNA im Verhältnis zu Säugetier-DNA in Fleisch und Fleischprodukten

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Document Preview

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

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prEN 18057:2024 (E)

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European foreword

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This document is currently submitted to CEN Enquiry.

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prEN 18057:2024 (E)**Introduction**

Food authenticity and integrity are key aspects in terms of consumer protection. In the last three decades, globalization has taken place in the trade of food. During the last decades, a lot of methods applying PCR and particularly real-time PCR protocols for the identification of animal species used for food consumption (e.g. pig, cattle, sheep, horse, chicken and turkey) have been established.

Game meat is particularly susceptible to fraudulent labelling since it is more valuable than meat from domestic animals. A variety of game meat products, commonly containing red deer or roe deer, is commercially available. For verifying correct labelling of commercial game meat products, the development of harmonized and standardized protocols for the authentication of meat products is important to establish reliable methods for the detection of potential food fraud.

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