
**Molecular biomarker analysis —
Methods of analysis for the detection
of genetically modified organisms and
derived products —**

Part 2:

**Construct-specific real-time PCR
method for detection of event FP967
in linseed and linseed products**

Analyse moléculaire de biomarqueurs —

*Partie 2: Méthode PCR en temps réel construit-spécifique pour
la détection d'un événement FP 967 dans les graines de lin et les
produits à base de graines de lin*

<https://standards.iteh.ai/catalog/standards/iso/16747/21-51af-4d16-b0de-af91bde40e27/iso-ts-21569-2-2021>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO/TS 21569-2:2021](https://standards.iteh.ai/catalog/standards/iso/f67472f7-51af-4d16-b6de-af91bde40e27/iso-ts-21569-2-2021)

<https://standards.iteh.ai/catalog/standards/iso/f67472f7-51af-4d16-b6de-af91bde40e27/iso-ts-21569-2-2021>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Reagents and materials	2
5.1 PCR reagents.....	2
6 Apparatus	3
6.1 General.....	3
6.2 PCR device.....	3
7 Sampling	3
8 Procedure	3
8.1 Test sample preparation.....	3
8.2 Preparation of the DNA extracts.....	3
8.3 DNA extraction.....	3
8.4 PCR setup.....	3
8.5 Temperature–time programme.....	4
9 Accept/reject criteria	4
9.1 General.....	4
9.2 Identification.....	5
10 Validation status and performance criteria	5
10.1 Robustness of the method.....	5
10.2 Intra-laboratory trial.....	5
10.3 Collaborative trial.....	5
10.4 Sensitivity.....	7
10.5 Specificity.....	7
11 Test report	8
Bibliography	10