

PD ISO/TR 17622:2015



BSI Standards Publication

Molecular biomarker analysis — SSR analysis of sunflower

bsi.

...making excellence a habit.
AVA Documents™
Document Sharing Hub

National foreword

This Published Document is the UK implementation of ISO/TR 17622:2015.

The UK participation in its preparation was entrusted to Technical Committee AW/275, Food analysis - Horizontal methods.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2015.

Published by BSI Standards Limited 2015

ISBN 978 0 580 77182 8

ICS 67.050

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 November 2015.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

TECHNICAL REPORT

ISO/TR
17622

First edition
2015-11-01

Molecular biomarker analysis — SSR analysis of sunflower

*Analyse moléculaire de biomarqueurs — Méthode d'analyse SSR
sur le tournesol*



Reference number
ISO/TR 17622:2015(E)

AVA **Documents**
Document Sharing Hub
© ISO 2015



COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, 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
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Principle	1
3 Consumables and equipment	1
4 Procedure	1
4.1 Sample preparation	1
4.2 DNA Extraction and Quantification.....	2
4.3 PCR amplification	2
5 Established list of SSR markers for sunflower hybrid conformity testing	3
5.1 Characteristics of the SSRs.....	3
5.2 SSR primer sequences	4
5.3 Observed SSR profiles of sunflower lines	5
Bibliography	6