ISO 24276:2006-02 (E)

Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - General requirements and definitions

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1
3.1 General definitions 1
3.2 Terms relative to extraction and purification of DNA 5
3.3 Terms referring to DNA amplification and PCR 5
3.4 Definitions referring to DNA and PCR controls 5
3.5 Terms relative to reference materials 7
3.6 Terms relative to quantitation 7
3.7 Terms relative to GMOs 7

4 Application to the relevant International Standards 7
4.1 General 7
4.2 Guidance for the user on the selection of methods 8
4.3 Performance characteristics 9

5 General laboratory and procedural requirements 10
5.1 General 10
5.2 Use of controls 10
5.3 Laboratory organization 12

6 Interpretation and expression of results 13
6.1 General 13
6.2 Interpretation of controls 13
6.3 Expression of a negative result 14
6.4 Expression of a positive result 14
6.5 Expression of ambiguous results 14
6.6 Quality assurance requirements 15

7 Test report 15

Bibliography 16