

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 |