

ISO 13495:2013-11 (E)

Foodstuffs - Principles of selection and criteria of validation for varietal identification methods using specific nucleic acid

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
3.1	Terms related to variety	1
3.2	Terms related to DNA/RNA extraction and purification	2
3.3	Terms related to PCR amplification of nucleic acids	2
3.4	Terms related to detection	3
3.5	Terms related to controls	3
3.6	Terms related to markers	4
4	Quality assurance on the test results	4
5	Selection of methods	6
6	Markers selection	6
6.1	General criteria	6
6.2	Marker set selection	6
6.3	SSR markers	6
6.4	Single nucleotide polymorphism (SNP)	7
7	Laboratory samples	7
7.1	Sample	7
7.2	Sample size	7
7.3	Reference material	7
8	Laboratory validation	8
8.1	General	8
8.2	Intralaboratory validation criteria	8
8.3	Interlaboratory validation criteria	9
9	Interpretation and expression of the results	10
9.1	General	10
9.2	Data annotation system	10
9.3	Analysis of results	11
9.4	Expression of results	11
10	Test report	11
Bibliography		13