

ISO/TS 21569-4:2016-11 (E)

Horizontal methods for molecular biomarker analysis - Methods of analysis for the detection of genetically modified organisms and derived products - Part 4: Real-time PCR based screening methods for the detection of the P-nos and P-nos-nptII DNA sequences

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Reagents and materials	2
5.1	General	2
5.2	PCR reagents	2
6	Apparatus	3
7	Procedure	3
7.1	Preparation of test sample	3
7.2	Preparation of DNA extracts	3
7.3	PCR setup	3
7.4	Temperature-time programme	4
8	Accept/reject criteria	4
8.1	General	4
8.2	Identification	4
9	Validation status and performance criteria	5
9.1	General	5
9.2	Robustness of the method	5
9.3	Collaborative trial	5
9.4	Sensitivity	7
9.5	Specificity	7
10	Test report	9
Bibliography		10