INTERNATIONAL STANDARD ISO 21570:2005
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Quantitative nucleic acid based methods

TECHNICAL CORRIGENDUM 1

Produits alimentaires — Méthodes d'analyse pour la détection des organismes génétiquement modifiés et des produits dérivés — Méthodes quantitatives basées sur l'utilisation des acides nucléiques

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 21570:2005 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 275, *Food analysis — Horizontal methods*, in collaboration with Technical committee ISO/TC 34, *Food products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Page 31, ***subclause C.2.5.5***

Replace by:

C.2.5.5 dNTP solution, c(dNTP) = 2,5 mmol/l.

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Replace Table C.7 with the following (because of errors in the oligonucleotide DNA sequences for GM1-R and Probe RR1):

Table C.7 — Oligonucleotides

Name	Oligonucleotide DNA sequence	Final concentration in PCR
Reference gene target sequence		
GM1-F	5'-CCA gCT TCg CCg CTT CCT TC-3'	600 nmol/l
GM1-R	5'-gAA ggC AAg CCC ATC TgC AAg CC-3'	600 nmol/l
Probe GM1	5'-FAM-CTT CAC CTT CTA TgC CCC TgA CAC-TAMRA-3'[a]	120 nmol/l
GMO target sequence		
RR1-F	5'-CAT TTg gAg Agg ACA CgC TgA-3'	600 nmol/l
RR1-R	5'-gAg CCA TgT TgT TAA TTT gTg CC-3'	600 nmol/l
Probe RR1	5'-FAM-CAA gCT gAC TCT AgC AgA TCT TTC-TAMRA-3'[a]	125 nmol/l
[a] FAM: 6-carboxyfluorescein; TAMRA: 6-carboxytetramethylrhodamine.		

Page 38, ***subclause C.3.5.5***

Replace by:

C.3.5.5 dNTP solution, c(dNTP) = 2,5 mmol/l (each).

Page 56, ***subclause C.6.2.1***

In the second line, replace “pMulSL2” by “pMul5”.

Page 78, ***Table C.45***

In the last line (Step 2), replace the temperature “95 °C” by “60 °C”.

Page 92, ***subclause D.1.7***

Replace by:

D.1.7 Procedure: PCR set-up

Page 97, ***subclause D.2.5.5***

Replace by:

D.2.5.5 dNTP solution, c(dNTP) = 2,5 mmol/l (each).