

ICS

ICS

GB

GB 23200.80 2016

SN/T 0709 2012

National food safety standards—

Determination of temephos residue in meats and meat products

2016-12-18

2017-06-18

É *

1

2

3

- 4+1, v/v - 3+7, v/v

-

4

4.1

C₂H₃N
CH₃O

CHCl₃
C₄H₈O₂

C₆H₁₄

Na₂SO₄ 650 4 h

4.2

4.3

98.0

4.4

4.5

5

6

6.1

1000 g

6.2

-1

7

7.1

7.2

7.3

7.3.1

-

| | | | | | | |
|---|--------|------|-------|-----------|-----|--------------------|
| a | HP-5MS | 5% | | | | 30m×0.25mm×0.25 μm |
| b | | | | 1.0mL/min | | |
| c | | | 100 | 20 /min | 280 | 15min |
| d | | 250 | | | | |
| e | | 1 μL | | | | |
| f | | | 1 min | | | |
| g | EI | | | | | |
| h | | 200 | | | | |
| i | | 280 | | | | |
| j | | | | m/z | 466 | 467 434 |

8

1

$$X = \frac{c \cdot V}{1000 \cdot m} \dots\dots\dots 1$$

X mg/kg
 c mg/L
 V L
 m g

9

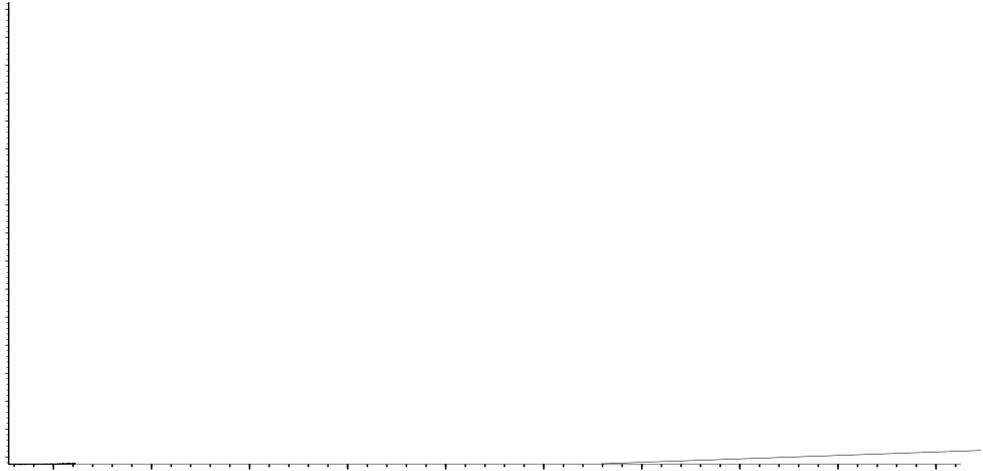
10

10.1

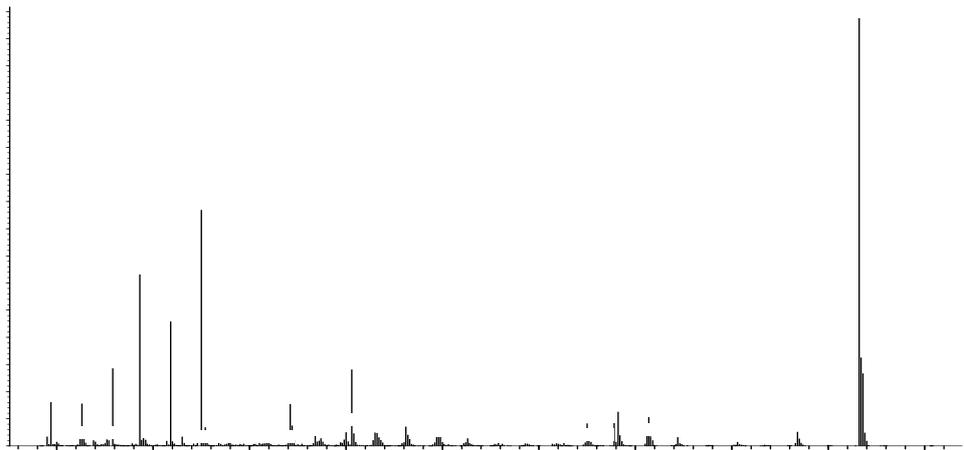
0.1 mg/kg

10.2

(A)



A.1



A.2

B**B.1**

| mg/kg | RSD % |
|------------|-----------------|
| 0.001 | 36 |
| 0.001 0.01 | 32 |
| 0.01 0.1 | 22 |
| 0.1 1 | 18 |
| 1 | 14 |

C**C.1**

| mg/kg | RSD % |
|------------|-----------------|
| 0.001 | 54 |
| 0.001 0.01 | 46 |
| 0.01 0.1 | 34 |
| 0.1 1 | 25 |
| 1 | 19 |