



Building a Food Fraud Risk Assessment with PILFA© tool

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Exaris' PILFA© tool

Internal Plan against Food Fraud

- A method with a tool developed with Excel® 2010 & containing macros
- The method lays on various existing regulatory or normative publications (UE resolution, PAS96, GFSI, BRC, IFS...)
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Experts en Analyse de Risques

Internal Plan against Food Fraud - PILFA© v1.1
[ref document]
18/05/16
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Frontpage
Synthesis
Risk assessment
RASFF Data
Daybook

French
English

Import RASFF
Import PILFA

Internal Plan against Food Fraud

[Company]

Confidential document

Plant: [site]
Update: ?

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Food Fraud Risk Assessment with PILFA©

General principle

1. Identify **categories of purchased materials** exposed to food fraud risk
2. Establish risk level for each couple material / supplier based on a **7 criteria decision rule**, simple, objective and repeatable (fig. 1) ending with a **cumulated risk level** (fig. 2)
3. Define appropriate **control measures** depending on criteria assessed as preoccupying
4. Evaluate the application level of these control measures and trigger relevant corrective actions if needed
5. Implement a **food fraud watch** and update PILFA© on a set frequency (cf. p.3)

Fig.1 - Evaluation criteria (extract from PILFA©)

II. Materials fraud risk assessment criteria			
Assessment criteria	Rating	1	2
1. Product sensitivity	Historical of detected fraud by category at European level (RASFF) or internally on the product itself	The category represents less than 1% of recorded alerts	The category represents less than 2% of recorded alerts
2. Market value	Cost/market value/price of the product on the market (shortage/availability of the product)	constant market low cost widespread product Available on the market	high cost Rare material Not very available on the market
3. Channels	Complexity / opacity of supply system : traders, many intermediate manufacturer...	Simple channels, not much intermediaries, no traders	Complex channels, worrying opacity

Fig.2 – Food fraud risk assessment (extract from PILFA©)

Exaris Internal Plan against Food Fraud - PILFA© v1.1		[ref document]	
Site: [site]		Frontpage	Synthesis
Insert rows		Risk assessment	RASFF Data
Erase rows		Daybook	
Selected column alpha ranking		7. Distinction	
Purchased material	Category	Manufacturer	Country of origin
Wheat flour	3 cereals and bakery products	ABC	France
1. Product sensitivity: 4 2. Market value: 1 3. Channels: 2 4. Supplier: 1 5. Origin: 1 6. Detection: 1 7. Distinction: 2 Fraud risk: 6			
Comments on expected fraud: see RASFF / controlled origin / sourcing			

Food Fraud watch

With of without Exaveille©

1. PILFA©'s page "RASFF Data" (image below) contains all food fraud related information from RASFF at the date of acquisition of the tool; this data **automatically updates criterion 1** "Product sensitivity"
2. Then licensees can either decide to:
 - **update themselves** the "RASFF Data" page by inserting new alerts (button "insert alert(s)")
 - subscribe to **Exaveille©** and get a **weekly update** of this page which can be injected into PILFA© at any time by a simple click
 - or go for both ways of updating, Exaveille© + internal free adding of relevant alerts that may not be captured by RASFF.

RASFF Portal

9449 Notifications

Insert alert(s)
Erase alert(s)

Erase filters Search products

Frontpage
Synthesis
Risk assessment
RASFF Data
Daybook

Notified from 21/02/1983 to 03/03/2017

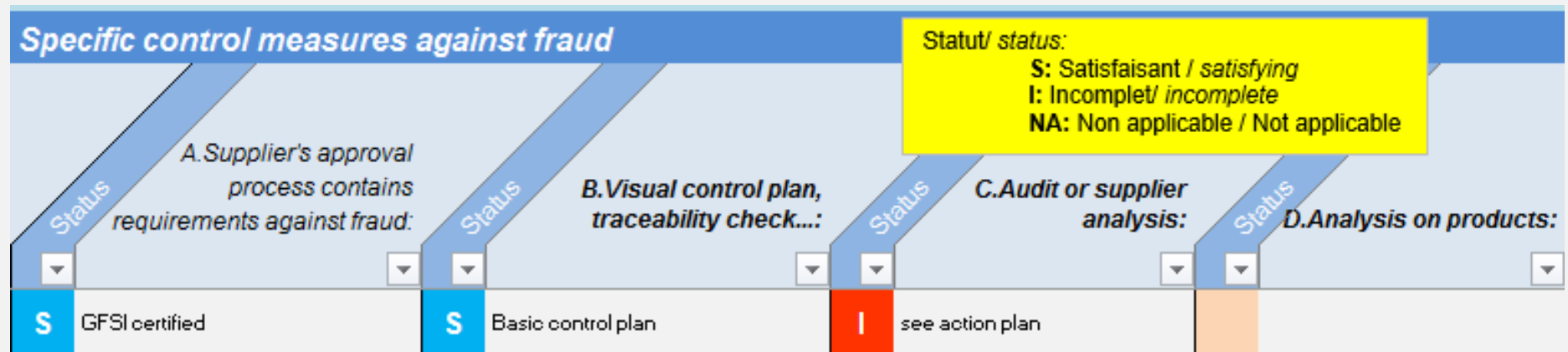
product category	date	reference	product typ	notification typ	notification ba	notified b	countries concerned	subject	action taker	distribution stat	risk decisior	Cat.
dietetic foods, food supplements, fortified foods	03/03/2017	2017.0275	food	alert	official control on the market	Denmark	Denmark (D), INFOSAN, Poland, United States (O)	unauthorised substance 1,3-dimethylamylamine (DMAA) in food supplements from the United States, via Poland	public warning - press release	no distribution from notifying country	serious	6
	13/03/2017	2										#N/A
	13/03/2017	1										#N/A
dietetic foods, food supplements, fortified foods	03/03/2017	2017.0282	food	alert	official control on the market	France	France (D), Netherlands (D), United Kingdom (O)	unauthorised substances sildenafil, sildenafil thiono analogue and vardenafil in food supplement for men from the United Kingdom, via the Netherlands	recall from consumers	no distribution from notifying country	serious	6

Evaluation of control measures

General principle

Identification of 4 types of specific control measures

- A. Suppliers/material evaluation
- B. Visual control plan/traceability check
- C. Audit or supplier analysis
- D. Analysis on products



Evaluation of control measures

Synthesis of control level

IV. Current control status

Control measures:	<i>Amount of materials under control:</i>	<i>Amount of materials needing improvement:</i>
A. Suppliers/material evaluation:	1	0
B. Visual control plan/traceability check:	1	0
C. Audit or supplier analysis:	0	1
D. Analysis on products:	0	0
Amount of improvement actions to be triggered:		1

**Thank you for your
attention**



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