

## RAPID ALERT SYSTEM FOR FOOD AND FEED

The legal basis of the system is Regulation (EC) No 178/2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety (O.J. No L 31 of 1 February 2002).

The purpose of the rapid alert system for food and feed (RASFF) is to provide the control authorities with an effective tool for exchange of information on measures taken to ensure food safety.

To assist the members of the network, notifications are classified under three different headings<sup>1</sup>:

- **ALERT NOTIFICATIONS**

Alert notifications are sent when a food or feed presenting a serious risk is on the market and when immediate action is required. Alerts are triggered by the Member State that detects the problem and has initiated the relevant measures, such as withdrawal/recall. The notification aims at giving all the members of the network the information to verify whether the concerned product is on their market, so that they also can take the necessary measures.

**Consumers can be reassured that products subject to an alert notification have been withdrawn or are in the process of being withdrawn from the market.** The Member States have their own mechanisms to carry out such actions, including the provision of detailed information through the media if necessary.

- **INFORMATION NOTIFICATIONS**

Information notifications concern a food or feed that was placed on the market for which a risk has been identified, but for which the other members of the network do not have to take immediate action, because the product has not reached their market or is no longer present on their market or because the nature of the risk does not require any immediate action.

- **BORDER REJECTIONS**

These notifications concern food and feed consignments that have been tested and rejected at the external borders of the EU (and the EEA<sup>2</sup>) when a health risk was found. The notifications are transmitted to all EEA border posts in order to reinforce controls and to ensure that the rejected product does not re-enter the Community through another border post.

The Commission publishes a weekly overview of RASFF notifications belonging to the above three categories. As it is necessary to strike the balance between openness and the protection of commercial information, the trade names and the identity of individual companies are not published. This is not detrimental to consumer protection, as a RASFF notification implies that all required measures have been or are in the process of being taken.

The public must be aware that the Commission is not in a position to release more information other than that published here. However, in exceptional circumstances where the protection of human health

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<sup>1</sup> This classification was put in place on 1 January 2008 and differs from the classification used until then.

<sup>2</sup> European Economic Area

requires greater transparency, the Commission takes the appropriate action through its usual communication channels.

The Commission informs the authorities of third countries of notifications concerning products manufactured in, distributed to or dispatched from these countries. However, the fact that a country is mentioned as the origin of a product does not necessarily imply that the identified hazard(s) originated in the country concerned.

The notifications reported in the weekly overviews published on the European Commission's web site are so-called "original notifications", representing a new case reported on a health risk detected in one or more consignments of a food or feed. On these cases, control authorities are exchanging additional information on measures taken and outcome of investigations. This additional information does not appear in the publicly accessible weekly overviews.

A short explanation about some of the notification tables' columns follows.

The "notification basis" column, appearing in the alert and information notifications tables, indicates what type of control, report or investigation lay at the basis of the notification:

- border control – screening sample: notification initiated through a sample taken at a border post for analysis but the consignment was meanwhile released to the market (“screening sample”);
- official control on the market: official control on the EU (and EEA) internal market;
- company own-check: notification initiated through a company notifying the outcome of an own-check to the competent authority;
- consumer complaint: notification initiated through a consumer lodging a complaint with the competent authority;
- food poisoning outbreak: reports of a food poisoning leading to the notification of a risk in a food on the market that has caused the food poisoning.

The status column is a combination of two values, "distribution status" and "action (to be) taken".

The distribution status indicates knowledge existing **at the time of notification** about the possible distribution of the product on the market. The concept "market" is to be interpreted in a geographical way: "the internal Community market" i.e. this does not necessarily mean that the product is already on the shelves available to consumers, as often it is not.

The action (to be) taken represents the action already taken or to be taken by the notifying country **at the time of notification**. If "no action taken" is given for an **alert** notification, this normally indicates that the product is not on the market of the notifying country (therefore: no action taken by the notifying country) but it may be on the market of other member countries.

## Week 2008/49

**TABLE 1: ALERT NOTIFICATIONS**

Notifications in blue typeface concern feed, all other notifications concern food.

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	NOTIFICATION BASIS	STATUS
01/12/2008	Italy	2008.1541	glass fragments (upto 15 mm) in malt beverage from Germany	consumer complaint	distribution on the market (possible) / product (to be) seized
01/12/2008	the Netherlands	2008.1546	parasitic infestation (larvae of Spirometra and Gnathostoma) of frog legs from Indonesia, via Belgium	official control on the market	distribution on the market (possible) / product (to be) destroyed
02/12/2008	Germany	2008.1550	migration of DEHA - di(2-ethylhexyl)adipate (2.7 mg/kg - ppm), of DBP - dibutyl phthalate (2.3 mg/kg - ppm) and of DINP - di-isononyl phthalate (170 mg/kg - ppm) from lids of jars containing hot bean sauce from Taiwan, via the Netherlands	official control on the market	distribution on the market (possible) / prohibition to use
02/12/2008	France	2008.1555	foodborne outbreak (Salmonella spp.) caused by eggs from Spain	food poisoning	distribution on the market (possible)
02/12/2008	the United Kingdom	2008.1556	undeclared milk ingredient (95 mg/kg - ppm) in continental plain chocolate (74% cocoa) from France	company's own check	distribution on the market (possible) / product (to be) recalled from consumers
02/12/2008	Finland	2008.1557	benzo(a)pyrene (4.6 µg/kg - ppb) in food supplement from Denmark	official control on the market	distribution on the market (possible) / product (to be) detained
03/12/2008	Spain	2008.1562	dioxins (4.1 µg/kg - ppb) in premixture from Spain	official control on the market	distribution on the market (possible) / product (to be) returned to dispatcher
03/12/2008	Cyprus	2008.1567	undeclared milk ingredient (casein 240 mg/kg - ppm) in canned pork luncheon meat from Denmark	official control on the market	distribution on the market (possible) / product (to be) relabelled
04/12/2008	the United Kingdom	2008.1573	foreign body (yellow rubber pieces) in crisps from the United Kingdom	consumer complaint	distribution on the market (possible) / product (to be) recalled from consumers
04/12/2008	Austria	2008.1575	migration of DBP - dibutyl phthalate (4.2 mg/kg - ppm), of DEHP - di(2-ethylhexyl) phthalate (0.4 mg/kg - ppm) and of DINP - di-isononyl phthalate (337.6 mg/kg - ppm) from lids of jars with soy bean sauce from Taiwan, via the Netherlands	official control on the market	distribution on the market (possible) / product (to be) recalled from consumers

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	NOTIFICATION BASIS	STATUS
04/12/2008	Austria	2008.1576	migration of DINP - di-isononyl phthalate (246.5 mg/kg - ppm) from lids of jars with hot bean sauce from Taiwan, via the Netherlands	official control on the market	distribution on the market (possible) / product (to be) recalled from consumers
04/12/2008	Germany	2008.1577	high content of cyanide (271; 287 mg/kg - ppm) in sweet cake from Italy	consumer complaint	distribution on the market (possible) / public warning - press release
04/12/2008	France	2008.1578	Salmonella spp. (presence /25g) in dried sausages from France	company's own check	distribution on the market (possible) / product (to be) recalled from consumers
05/12/2008	Cyprus	2008.1581	traces of milk ingredient (casein 4635 mg/kg - ppm) in dark chocolate coated almonds from Italy	official control on the market	distribution on the market (possible) / product (to be) relabelled
06/12/2008	the Netherlands	2008.1584	dioxins and dioxin-like polychlorobiphenyls (92; 197; 292; 145; 37 µg/kg - ppb) in pork meat from Ireland	company's own check	distribution on the market (possible) / product (to be) detained
06/12/2008	the United Kingdom	2008.1585	prohibited substance nitrofurans (metabolite) nitrofurazone (SEM) (1 µg/kg - ppb) in frozen shrimps ( <i>Penaeus vannamei</i> ) from China	border control - consignment released	distribution on the market (possible) / destination of the product identified

## TABLE 2: INFORMATION NOTIFICATIONS

Notifications in blue typeface concern feed, all other notifications concern food.

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	NOTIFICATION BASIS	STATUS
01/12/2008	Belgium	2008.1542	Salmonella (presence /25g) in meat and bone meal from Belgium	company's own check	distribution on the market (possible) / informing recipients
01/12/2008	Germany	2008.1543	melamine (275.3 mg/kg - ppm) in ammonium bicarbonate baking agent from China	official control on the market	distribution restricted to notifying country / product (to be) withdrawn from recipient(s)
01/12/2008	Austria	2008.1544	amitraz (0,477 mg/kg - ppm) in fresh pears from Turkey	official control on the market	product already consumed / no stock left
01/12/2008	the United Kingdom	2008.1545	prohibited substance nitrofurans (metabolite) furazolidone (AOZ) (8.9 µg/kg - ppb) in raw peeled and deveined black tiger king prawns from India	official control on the market	distribution restricted to notifying country / product (to be) withdrawn from the market

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	NOTIFICATION BASIS	STATUS
01/12/2008	Denmark	2008.1547	Salmonella typhimurium DT 120 (multiresistant in 1 of 12 samples /25g) in chilled pork meat from Germany	official control on the market	product past use-by date / product (to be) withdrawn from the market
01/12/2008	the Czech Republic	2008.1548	fenhexamid (2.05 mg/kg - ppm) in tomatoes from the Netherlands	official control on the market	product already consumed / no stock left
01/12/2008	Latvia	2008.1549	Salmonella (presence /25g) in pork meal from the Czech Republic	company's own check	distribution on the market (possible) / product (to be) destroyed
02/12/2008	Slovenia	2008.1551	foreign body (metal pieces - filings and tiny short black small threads) in white refined crystal sugar from Bosnia and Herzegovina, via Austria	border control - consignment released	no distribution / product (to be) detained
02/12/2008	Austria	2008.1552	amitraz (0.923 mg/kg - ppm) in fresh pears from Turkey	official control on the market	product already consumed / no stock left
02/12/2008	Italy	2008.1553	foreign body (microscopic burnt particles and synthetic fibre) in grated dehydrated cheese from Italy	official control on the market	distribution on the market (possible) / product (to be) withdrawn from the market
02/12/2008	Slovenia	2008.1554	migration of DEHA - di(2-ethylhexyl)adipate (145 mg/kg - ppm), of DEHP - di(2-ethylhexyl) phthalate (0.5 %) and of DINP - diisononyl phthalate (0.8 %) from lids of jars containing roasted zucchini in sunflower oil from Slovenia	official control on the market	distribution restricted to notifying country / product (to be) withdrawn from the market
02/12/2008	Malta	2008.1558	undeclared sulphite (1862 mg/kg - ppm) in dried apricots from Turkey	official control on the market	distribution restricted to notifying country / product (to be) relabelled
02/12/2008	Belgium	2008.1559	prohibited substance nitrofurane (metabolite) nitrofurazone (SEM) (> 1 µg/kg - ppb) in giant freshwater shrimps from Bangladesh, via the Netherlands	company's own check	product past use-by date / reinforced checking
03/12/2008	the Netherlands	2008.1560	Salmonella (presence /25g) in peppermint from Thailand	official control on the market	no stock left / no action taken
03/12/2008	Norway	2008.1561	chlorpyrifos (0.07 mg/kg - ppm) and unauthorised substance dicrotophos (0.48 mg/kg - ppm) in water spinach (Ipomoea aquatica) from Thailand	official control on the market	product already consumed / reinforced checking
03/12/2008	Slovenia	2008.1563	3-monochlor-1,2-propanediol (3-MCPD) (131 µg/kg - ppb) in dehydrated beef soup concentrate from Serbia	official control on the market	distribution restricted to notifying country / product (to be) destroyed
03/12/2008	the Czech Republic	2008.1565	too high content of colour E 133 - Brilliant Blue FCF (1916; sum of total colours 1950 mg/kg - ppm) in sweets from Poland	consumer complaint	distribution on the market (possible) / product (to be) withdrawn from the market

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	NOTIFICATION BASIS	STATUS
03/12/2008	Spain	2008.1566	mercury (2.3 mg/kg - ppm) in piked dogfish ( <i>Squalus acanthias</i> ) from Spain	official control on the market	distribution restricted to notifying country / product (to be) withdrawn from the market
03/12/2008	Denmark	2008.1568	Salmonella typhimurium DT 104 - multiresistant (in 3 out of 12 samples) in fresh turkey fillets from Poland	official control on the market	product past use-by date / product (to be) withdrawn from the market
03/12/2008	Finland	2008.1569	Salmonella Jerusalem (presence in 1 out of 10 samples /25g) in rape seed meal from Italy	official control on the market	distribution on the market (possible) / product (to be) returned to dispatcher
03/12/2008	Germany	2008.1570	melamine (6.3 mg/kg - ppm) in fish cookies with cheese for dogs from China	border control - consignment released	distribution restricted to notifying country / product (to be) destroyed
04/12/2008	Malta	2008.1571	missing identification code on individual packaging of dried figs from Turkey	official control on the market	distribution restricted to notifying country / product (to be) returned to dispatcher
04/12/2008	Italy	2008.1572	Salmonella enterica (4,12:I in 4 out of 5 samples /10g) in frozen boneless pork collar from Spain	official control on the market	distribution on the market (possible)
04/12/2008	Lithuania	2008.1574	Salmonella enteritidis in frozen chicken breast from Brazil, via Denmark	official control on the market	distribution on the market (possible) / product (to be) withdrawn from the market
05/12/2008	the Czech Republic	2008.1579	unauthorised and unlabelled irradiation of ginseng extract tablets from Germany	official control on the market	distribution on the market (possible) / product (to be) withdrawn from the market
05/12/2008	Denmark	2008.1580	Salmonella enteritidis (in 2 out of 12 samples) in fresh chicken breast from France	official control on the market	no stock left / no action taken
05/12/2008	Lithuania	2008.1582	canned fish in tomato sauce from Latvia infested with larvae of insects	official control on the market	distribution on the market (possible) / product (to be) withdrawn from the market
05/12/2008	Italy	2008.1583	unauthorised use of colour E 102 - tartrazine and of colour E 110 - Sunset Yellow FCF in frozen balls of rice with meat cheese and ham from Italy	official control on the market	distribution on the market (possible) / product (to be) withdrawn from the market

**TABLE 3: BORDER REJECTIONS**

Notifications in blue typeface concern feed, all other notifications concern food.

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	ACTION (TO BE) TAKEN
01/12/2008	Greece	2008.BWP	almonds ( <i>Prunus amygdalus</i> ) from the United States infested with moulds (15-20 %) and with insects (90%, <i>Tribolium</i> sp.)	product (to be) re-dispatched
01/12/2008	Greece	2008.BWQ	altered organoleptic characteristics of shelled walnuts ( <i>Juglans regia</i> ) from India	product (to be) redispatched or destroyed
01/12/2008	Greece	2008.BWR	aflatoxins (B1 = 0.6; Tot. = 0.6 / B1 = 3.0; Tot. = 3.8 / B1 = ND; Tot. = ND / B1 = 0.6; Tot. = 0.6 / B1 = 3.1; Tot. = 3.9 / B1 < 0.5; Tot. = ND µg/kg - ppb) in dried figs from Turkey	product under customs seals
01/12/2008	Italy	2008.BWS	aflatoxins (B1 = 3.5; Tot. = 7.5 / B1 = 2.3; Tot. = 4.9 / B1 = 8.7; Tot. = 16 µg/kg - ppb) in pistachio kernels from Turkey	product (to be) re-dispatched
01/12/2008	Estonia	2008.BWT	aflatoxins (B1 = 0.99; Tot. = 4.13 / B1 = 2.66; Tot. = 14.97 / B1 = 1.76; Tot. = 2.29 mg/kg - ppm) in roasted and diced hazelnut kernels from Turkey	product (to be) redispatched or destroyed
02/12/2008	Poland	2008.BWU	ochratoxin A (20.7 µg/kg - ppb) in raisins from China	product (to be) detained
02/12/2008	Slovenia	2008.BWV	aflatoxins (B1 = 11.08; Tot. = 33.5 / B1 = 0.8; Tot. = 1.7 / B1 = 7.7; Tot. = 9.8 µg/kg - ppb) in dried figs from Turkey	product under customs seals
02/12/2008	Italy	2008.BWW	ochratoxin A (12.4 µg/kg - ppb) in coffee from the Democratic Republic of the Congo	physical treatment
02/12/2008	Italy	2008.BWX	bacterial contamination of cassava leaves from Côte d'Ivoire	product (to be) destroyed
02/12/2008	Italy	2008.BWY	<i>Bacillus cereus</i> (300.000 CFU/g) in cassava flour from Côte d'Ivoire	product (to be) destroyed
02/12/2008	Italy	2008.BWZ	aflatoxins (B1 = 0.7; Tot. = 0.9 / B1 = 2.7; Tot. = 18.7 µg/kg - ppb) in hazelnut kernels from Turkey	product (to be) redispatched or destroyed
02/12/2008	Italy	2008.BXA	aflatoxins (B1 = 0.7; Tot. = 3.0 / B1 = 1.5; Tot. = 6.3 µg/kg - ppb) in hazelnuts kernels from Turkey	product (to be) redispatched or destroyed
02/12/2008	Italy	2008.BXB	aflatoxins (B1 = 8.9; Tot. = 9.8 µg/kg - ppb) in groundnuts with shell from Egypt	product (to be) redispatched or destroyed
02/12/2008	France	2008.BXC	aflatoxins (B1 = 8.7; Tot. = 22.9 / B1 = 22.9; Tot. = 23.2 µg/kg - ppb) in dried figs from Turkey	product under customs seals
02/12/2008	France	2008.BXD	aflatoxins (B1 = 0.9; Tot. = 0.9 / B1 = 2.7; Tot. = 12.9 / B1 = 19.2; Tot. = 20.4 µg/kg - ppb) in dried figs from Turkey	product under customs seals
02/12/2008	Malta	2008.BXE	missing identification code on individual packaging of dried garland figs from Turkey	product (to be) re-dispatched
03/12/2008	the Netherlands	2008.BXF	aflatoxins (B1 = 60.0; Tot. = 92.0 µg/kg - ppb) in raw pistachio nuts from the United States	product (to be) re-dispatched
03/12/2008	Bulgaria	2008.BXG	aflatoxins (B1 = 1.1; Tot. = 7.8 µg/kg - ppb) in blanched roasted peanuts from Argentina, processed in Serbia	product under customs seals
03/12/2008	Italy	2008.BXH	aflatoxins (B1 = 238; Tot. = 256.7 µg/kg - ppb) in pistachios from Iran	product (to be) redispatched or destroyed
03/12/2008	Bulgaria	2008.BXI	aflatoxins (B1 = 8.1; Tot. = 11.7 µg/kg - ppb) in roasted piquant peanuts from China, processed in Serbia	product under customs seals

DATE	NOTIFIED BY	REF.	REASON FOR NOTIFYING	ACTION (TO BE) TAKEN
03/12/2008	Bulgaria	2008.BXJ	aflatoxins (B1 = 3.0; Tot. = 4.0 µg/kg - ppb) in peanuts with honey and cinnamon from China, processed in Serbia	product under customs seals
03/12/2008	Bulgaria	2008.BXK	aflatoxins (B1 = 25.3; Tot. = 27.9 µg/kg - ppb) in dried figs from Turkey	product under customs seals
03/12/2008	Bulgaria	2008.BXL	aflatoxins (B1 = 4.2; Tot. = 7.3 µg/kg - ppb) in blanched fried peanuts from China, processed in Serbia	product under customs seals
03/12/2008	Bulgaria	2008.BXM	aflatoxins (B1 = 2.2; Tot. = 10.8 µg/kg - ppb) in roasted peanuts with chilli from China, processed in Serbia	product under customs seals
04/12/2008	Germany	2008.BXN	aflatoxins (B1 = 4.0; Tot. = 4.6 / B1 = 4.3; Tot. = 4.8 / B1 = 3.9; Tot. = 4.3 µg/kg - ppb) in raw pistachio kernels from Iran	product (to be) re-dispatched
04/12/2008	Slovenia	2008.BXO	altered organoleptic characteristics of dried figs from Turkey infested with insects	product (to be) re-dispatched
04/12/2008	Finland	2008.BXP	too high content of E 211 - sodium benzoate (195 mg/l) in energy drink from Thailand	product (to be) detained
04/12/2008	the United Kingdom	2008.BXQ	aflatoxins (B1 = 6.6; Tot. = 7.8 µg/kg - ppb) in peanut and sesame chikki from India	product (to be) re-dispatched
04/12/2008	Germany	2008.BXR	aflatoxins (B1 = 4.1; Tot. = 8.6 / B1 = 14.1; Tot. = 15.6 µg/kg - ppb) in pistachio nuts from Turkey	product (to be) re-dispatched
04/12/2008	the United Kingdom	2008.BXS	aflatoxins (B1 = 11; Tot. = 12 µg/kg - ppb) in roasted salted peanuts from Turkey	product (to be) destroyed
04/12/2008	Italy	2008.BXT	aflatoxins (B1 = 18.4; Tot. = 20.0 / B1 = 35.3; Tot. = 39.2 / B1 = 71.2; Tot. = 77.0 µg/kg - ppb) in pistachios from Iran	product (to be) redispached or destroyed
04/12/2008	the United Kingdom	2008.BXU	aflatoxins (B1 = 3.3; Tot. = 3.8 µg/kg - ppb) in peanut balls from India	product (to be) re-dispatched
05/12/2008	Italy	2008.BXV	Salmonella typhimurium (in 5 out of 5 samples /25g) in pine nuts from Turkey	product (to be) redispached or destroyed
05/12/2008	Italy	2008.BXW	arsenic (18 mg/kg - ppm) in dried seaweed from China	product (to be) re-dispatched
05/12/2008	Italy	2008.BXX	arsenic (33 mg/kg - ppm) in dried seaweed from China	product (to be) re-dispatched
05/12/2008	the United Kingdom	2008.BXY	too high content of E 210 - benzoic acid (160 mg/l) in orange flavour drink from Saudi Arabia	product (to be) destroyed
05/12/2008	the United Kingdom	2008.BXZ	E 385 - calcium disodium ethylene diamine tetra acetate (CDEDTA) unauthorised in orange drink from the United Arab Emirates	product (to be) re-dispatched
05/12/2008	Spain	2008.BYA	methomyl (0.81 mg/kg - ppm), carbendazim (0.18 mg/kg - ppm) and thiophanate-methyl (0.25 mg/kg - ppm) in fresh strawberries from Peru	product (to be) redispached or destroyed
05/12/2008	Germany	2008.BYB	aflatoxins (B1 = 18.1; Tot. = 18.9 / B1 = 8.9; Tot. = 9.4 µg/kg - ppb) in raw pistachio nuts from Turkey	product (to be) re-dispatched
05/12/2008	the United Kingdom	2008.BYC	unauthorised colour Sudan in chilli powder from Bangladesh	product (to be) destroyed
05/12/2008	the United Kingdom	2008.BYD	unauthorised colour Sudan in tumeric powder from Bangladesh	product (to be) destroyed
05/12/2008	Slovenia	2008.BYE	aflatoxins (B1 = 8.4; Tot. = 9 / B1 = 0.2; Tot. = 0.2 / B1 = 0.7; Tot. = 0.7 µg/kg - ppb) in dried figs from Turkey	product (to be) re-dispatched
05/12/2008	Slovenia	2008.BYF	melamine (162 mg/kg - ppm) in milk products and attempt to illegally import milk and animal products from China	product (to be) destroyed
05/12/2008	Austria	2008.BYG	aflatoxins (B1 = 12.83; Tot. = 13.81 µg/kg - ppb) in roasted pistachios from Turkey	product (to be) detained

**TABLE 5: WITHDRAWALS OF PREVIOUS NOTIFICATIONS**

<b>DATE:</b>	<b>REF.:</b>	<b>NOTIFI- CATION:</b>	<b>OF WEEK</b>	<b>SUBJECT</b>	<b>REASON FOR WITHDRAWAL:</b>
04/12/2008	inf01	2008.1424	46	Bacillus spp. in farinheira pork sausages from Portugal	Taking into account the addendum 01 stating that Staphylococcus aureus was not detected in the product, this notification is withdrawn.
01/12/2008	inf01	2008.1540	48	too high content of colour E 102 - tartrazine and of colour E 124 - Ponceau 4R / cochineal red A in dried spice (Tandoori Masala) from the United Kingdom	The Danish contact point agrees to withdraw the notification taking into account the fact that the levels found need to be recalculated taking into account the dilution of the spice mix in the final sauce product (see also notification 2008.0730).