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Updated Activities of the Food Safety Commission of Japan (FSCJ)

January 2019

Discussions from the 726th to 728th Meetings of the Commission held on the 15th, 22nd and 29th of January 2019 are summarized as follows:

(1) Risk assessment requests on the following items were made by risk management organizations¹.

| | |
|-------------------------------|---|
| Food additives | <ul style="list-style-type: none"> • Items related to amendment of “Standards for foods/food additives” for establishing the Addendum to Japanese Standards of Food Additives • 25-hydroxycholecalciferol |
| Pesticides | <ul style="list-style-type: none"> • Ametoctradin • Ddiquat • Pyriproxyfen • Pyroxasulfone • Flutianil • Metyltetraprole |
| Veterinary medicinal products | <ul style="list-style-type: none"> • Sarafloxacin • Neomycin |

(2) The Risk Assessment Reports on the following items were finalized and notified to the relevant risk management organizations concerned.

Exempted Substances⁴

| Item | Conclusion |
|------------|--|
| Methionine | FSCJ conclusion: Risks of the assessed items on human health through remaining in livestock products are negligible as long as appropriately used as a veterinary medicinal product and feed additive. |

¹ E.g. Ministry of Health, Labour and Welfare (MHLW), Ministry of Agriculture, Forestry and Fisheries (MAFF), Consumer Affairs Agency (CAA).

Food additives

| Item | Conclusion |
|---|--|
| Items related to amendment of “Standards for foods/food additives” for establishing the Addendum to Japanese Standards of Food Additives | FSCJ conclusion: FSCJ concluded that the item falls under the category which is the case where the contents and degree of adverse effects on human health are clear ⁶ . |
| Dimethyl dicarbonate and related substances (methanol, methoxycarbonyl compounds, ethyl methyl carbonate, methyl carbamate, dimethyl carbonate) | FSCJ conclusion: The assessed item is considered to be of no concern for food safety as long as dimethyl dicarbonate is used appropriately as a food additive. |

Pesticides

| Item | ADI | ARfD |
|--------------|-----------------------|--------------|
| Cyenoxyrafen | 0.05 mg/kg bw per day | Not required |
| Zoxamide | 0.47 mg/kg bw per day | Not required |

Veterinary medicinal products

| Item | Conclusion |
|--------------|--|
| Sarafloxacin | FSCJ conclusion: FSCJ concluded that the item falls under the category which is the case where the contents and degree of adverse effects on human health are clear ² |
| Neomycin | FSCJ conclusion: FSCJ concluded that the item falls under the category which is the case where the contents and degree of adverse effects on human health are clear ² . |

Prions

| Item | Conclusion |
|---|--|
| Cattle meat and offal imported from the U.S.A., Canada and Ireland. | FSCJ conclusion: BSE risk to human health is negligible even if the age restriction of the assessed items are changed to “No restriction.” |

² The case designated by item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act.

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Genetically modified foods/feeds

| Item | Conclusion |
|-----------|--|
| CHY-MAX M | FSCJ conclusion: According to “Standards for the Safety Assessment of Food Additives Produced Using Genetically Modified Microorganisms (Decision of the Commission Dated 25 March 2004)”, the assessed item was evaluated not to affect human health. |

Feed additives

| Item | Conclusion |
|--------------|--|
| L-Methionine | FSCJ Conclusion: Risk to human health from the assessed item through consumption is negligible as long as it is used appropriately as a feed additive. |

February 2019

Discussions from the 729th to 732nd Meetings of the Commission held on the 5th, 12th, 19th and 26th of February 2019 are summarized as follows:

(1) Risk assessment requests on the following items were made by risk management organizations³.

| | |
|--|---|
| Peaticides | <ul style="list-style-type: none"> • Picoxystrobin • Broflanilid |
| Pesticides and additives | <ul style="list-style-type: none"> • Difenoconazole |
| Veterinary medicinal products | <ul style="list-style-type: none"> • Dichloroisocyanuric acid • Amendment of Chlorpromazine test method in “Standards for foods/food additives” designated on the basis of paragraph (1) of Article 11 of the Food Hygiene Law. |
| Veterinary medicinal products and feed additives | <ul style="list-style-type: none"> • Tylosin |
| Genetically modified foods/feeds | <ul style="list-style-type: none"> • Pullulanase produced using BML780PULm104 strain • Valencene, a fragrance, produced using Rhodobacter sphaeroides 168 strain |

(2) The Risk Assessment Reports on the following items were finalized and notified to the relevant risk management organizations concerned.

Food additives

| Item | Conclusion |
|---|---|
| Amendment of Chlorpromazine test method in “Standards for foods/food additives” designated on the basis of paragraph (1) of Article 11 of the Food Hygiene Law. | FSCJ conclusion: Since the relevant assessment concerns change of analysis methods, the assessment of food safety risk from the item is evidently unnecessary according to Food Safety Basic Act ⁴ . |

Pesticides

| Item | ADI | ARfD |
|------------|----------------------|--------------|
| Amisulbrom | 0.1 mg/kg bw per day | Not required |

³ E.g. Ministry of Health, Labour and Welfare (MHLW), Ministry of Agriculture, Forestry and Fisheries (MAFF), Consumer Affairs Agency (CAA).

⁴ Change of analysis methods comes under item (i) of paragraph (1) of article 11 of the Food Safety Basic Act, where assessment of food safety risk is evidently unnecessary.

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|---------------|--------------------|---|
| Cymoxanil | 0.013 mg/kg bw/day | 0.08 mg/kg bw |
| Flubendiamide | 0.017 mg/kg bw/day | 0.15 mg/kg bw for lactating women, Not required for ordinary people |
| Frametpyr | 0.007 mg/kg bw/day | 0.3 mg/kg bw |
| Fluazinanam | 0.01 mg/kg bw/day | 0.5 mg/kg bw for ordinary people 0.02 mg/kg bw for pregnant or may be pregnant women |

Veterinary medicinal products

| Item | Conclusion |
|--|---|
| Amendment of Chlorpromazine test method in “Standards for foods/food additives” (Notification of the Ministry of Welfare , No. 370, 1959) designated on the basis of paragraph (1) of Article 11 of the Food Sanitation Act (Law No. 233 of 1947). | The assessment of food safety risk from the item is evidently unnecessary according to Food Safety Basic Act ⁵ . |

Feed additives

| Item | Conclusion |
|---|---|
| Amendment of Ordinance of Ministry of Agriculture and Forestry ⁶ regarding standards for feed and feed additives (Tylosin phosphate) | FSCJ conclusion: FSCJ concluded that the item is the case where the contents and degree of adverse effects on human health are clear ⁷ . |

Antimicrobial-resistant bacteria

| Item | Conclusion |
|--|---|
| Macroride antibiotic agents for use in livestock animals | FSCJ conclusion: The use of the item for cattle, pigs and chicken may possibly cause hazards, and humans may be exposed to the hazards through livestock products derived from these livestock animals, resulting in a decrease and/or abolishment of therapeutic effects of antibiotics for humans. Although this possibility is not excluded, food safety risk of the item is evaluated to be low. As for honeybee and horses, food safety risk of the item is evaluated to be negligible since there is no hazard to be specified. |

⁵ Change of analysis methods comes under item (i) of paragraph (1) of article 11 of the Food Safety Basic Act, where assessment of food safety risk is evidently unnecessary.

⁶ Ordinance of Ministry of Agriculture and Forestry, No.35, 1976

⁷ The case designated under item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act

March 2019

Discussions from the 733rd to 736th Meetings of the Commission held on the 5th, 12th, 19th and 26th of March 2019 are summarized as follows:

(1) Risk assessment requests on the following items were made by risk management organizations⁸.

| | |
|--|--|
| Resitcides | <ul style="list-style-type: none"> • Thifluzamide • Pyridalyl • Buprofezin • Fluopyram • Prothioconazole |
| Pesticides and Veterinary medicinal products | <ul style="list-style-type: none"> • Oxolinic Acid |
| Veterinary medicinal products | <ul style="list-style-type: none"> • Food safety of livestock products derived from wild boars that ingested oral live vaccine against classical swine fever • Amostuck LA injection • Acetate Ringer's solution containing glucose – V injection • TSV-3 • バックスオン Pox/MD/IBD |
| Prion | <ul style="list-style-type: none"> • Meat and offal derived from cattle, sheep and goats imported from Spain. |
| Genetically modified foods/feeds | <ul style="list-style-type: none"> • Phytase produced using JPAo002 strain |

(2) The Risk Assessment Reports on the following items were finalized and notified to the relevant risk management organizations concerned.

Additives and genetically modified foods/feeds

| Item | Conclusion |
|--|---|
| Psicose epimerase produced using Escherichia coli K-12 W3110 (pWKLP) | The documents, evaluated based on the “Standards for Safety Assessments of Food Additives Produced Using Genetically Modified Microorganisms ⁹ ”. Consequently, FSCJ concluded that the assessed item has no concern relevant to human health. |

⁸ E.g. Ministry of Health, Labour and Welfare (MHLW), Ministry of Agriculture, Forestry and Fisheries (MAFF), Consumer Affairs Agency (CAA).

⁹ Decision of the Commission dated 25 March 2004.

Pesticides

| Item | ADI | ARfD |
|-----------------------|-----------------------|---------------|
| Afidopyropen | 0.08 mg/kg bw per day | 0.18 mg/kg bw |
| Oxpoconazole fumarate | 0.03 mg/kg bw per day | 0.2 mg/kg bw |

Veterinary medicinal products

| Item | Conclusion |
|--|--|
| Acetate Ringer's solution containing glucose – V injection: An injection which contains sodium chloride, potassium chloride, Calcium chloride hydrate, Sodium acetate hydrate and glucose as active ingredients. | FSCJ Conclusion: FSCJ concluded that the item is the case where the contents and degree of adverse effects on human health are clear ¹⁰ . |
| Mixed live vaccine against infectious bovine rhinotracheitis, cattle parainfluenza, and cattle RS virus infection (TSV-3) | FSCJ Conclusion: FSCJ concluded that the item is the case where the contents and degree of adverse effects on human health are clear ¹¹ . |

Veterinary medicinal products and feed additives

| Item | ADI |
|---------|-------------------------|
| Tylosin | 0.005 mg/kg bw per week |

Genetically modified foods/feeds

| Item | Conclusion |
|---|---|
| Phospholipase produced using JPAN002 strain | FSCJ conclusion: According to the “Standards for Safety Assessments of Food Additives Produced from Genetically Modified Microorganisms” ¹² , the item was evaluated not to affect human health. |

Feed additives

| Item | Conclusion |
|--|--|
| Manganese bis(2-hydroxy-4-methylthio butyrate) | FSCJ conclusion: FSCJ concluded that the risk to human health from the intake of this product through consumption of foods is negligible as long as it is appropriately used as a feed additive. |

¹⁰ The case designated under item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act

¹¹ The case designated under item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act

¹² “Standards for Safety Assessments of Food Additives Produced from Genetically Modified Microorganisms” (Decision of the Food Safety Commission dated March 25, 2004)

| | |
|---|--|
| Copper bis(2-hydroxy-4-methylthio butyrate) | FSCJ conclusion: FSCJ concluded that the risk to human health from the intake of this product through consumption of foods is negligible as long as it is appropriately used as a feed additive. |
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Antimicrobial-resistant bacteria

| Item | Conclusion |
|--|--|
| Tetracycline antibiotics for veterinary use in livestock animals | FSCJ conclusion: The use of the item for cattle, pigs and chicken may possibly cause hazards, and humans may be exposed to the hazards through livestock products derived from these livestock animals, resulting in a decrease and/or abolishment of therapeutic effects of antibiotics for humans. Although this possibility is not excluded, food safety risk of the item is evaluated to be low. |