

## Monthly Update on Activity of the Food Safety Commission of Japan (FSCJ) January 2015

Discussions from the 543rd to 546th Meetings of the Commission held on the 7th, 13th, 20th and 27th of January 2015 are summarized as follows:

(1) Risk assessment requests on the following items were made by risk management organizations<sup>1</sup>.

Food additives	• Zinc sulfate
Pesticides	• Amisulbrom • Isofetamid • Ethofenprox • Diethofencarb • Thiamethoxam • Trifloxystrobin • Picoxystrobin • Fenhexamid • Fluopyram • Flometoquin • Bentiavalicarb-isopropyl
Veterinary medicinal products	• Iprnidazole
Prions	• Partial amendment of the control measures for biological materials. • Cattle meat and offal imported from Sweden.

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

### Additives

Item	Conclusion
Zinc gluconate	FSCJ conclusion: FSCJ specified an upper limit for intake of zinc gluconate for both patients, who eat the comprehensive nutritional foods, and non-patients who eat ordinary meal, to be 0.63 mg/kg bw/day as zinc. In addition, relevant organizations should call appropriately people's attention to prevent from excess intakes of zinc in considering the amount of zinc from ordinary meal. The above mentioned upper limit for intake of zinc gluconate, for both the patients and non-patients, was the value for adults over 18 years old. Although zinc is an essential nutrient for living organisms, excess intake of zinc by children, infants, pregnant and lactating women shall be prevented through the appropriate calling for attention.
Calcium silicate	FSCJ conclusion: The assessed item is considered to be of no concern for the food safety as long as used appropriately as a food additive. Therefore, it is unnecessary to specify ADI.

### Pesticides

Item	ADI	ARfD
Flupyradifurone	0.031 mg/kg bw per day	0.35 mg/kg bw

### Pesticides and veterinary medicinal products

Item	ADI	ARfD
Spinosad	0.024 mg/kg bw per day	
Deltamethrin and Tralomethrin	A group ADI : 0.0075 mg/kg bw/day	A group ARfD : 0.01 mg/kg bw

### Veterinary medicinal products

Item	Conclusion
An injection for pigs, Dinital, which contains ketoprofen as an active ingredient,	FSCJ conclusion: Risks to human health from the intake of this product through food are negligible as long as appropriately used.

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

Microorganisms and viruses

Item	Conclusion
Partial amendment of standards and criteria for beverages (standards for preservation)	<p>FSCJ conclusion:            To the extent that appropriate elimination of bacteria is implemented from beverages to be assessed, it is unlikely that safety risks on human health from intake of relevant beverages are enhanced even if the standard for preservation at below 10°C is not followed. Hence FSCJ concluded that the assessed item corresponds to the case designated by item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act<sup>2</sup>.            While, appropriate control of raw water quality needs to be continued, because securing raw water of appropriate quality in terms of standards and criteria is important for securing safety of beverages.</p>

Genetically modified foods/feeds

Item	Conclusion
L-Hydroxyproline produced by using AHD strain.	FSCJ conclusion: According to “Stance on Safety Assessments of Amino Acids and Other End Products” <sup>3</sup> , the item’s safety was confirmed.
25-hydroxycholecalciferol produced using ATC1562 strain	FSCJ conclusion: As a result of the assessment based on “Stance on Safety Assessments of Genetically Modified Feeds and Feed Additives” <sup>4</sup> and according to “Stance on Safety Assessments of Amino Acids and Other End Products” <sup>5</sup> , FSCJ concluded that livestock products derived from animals which consumed the item have no concern relevant to human health.
Maize DP-004114-3 <sup>6</sup>	According to “Stance on Safety Assessments of Genetically Modified Feeds and Feed additives” <sup>5</sup> , the item did not require further assessment through the “Stance on Safety Assessments of Genetically Modified Foods (seed plants)” <sup>7</sup> . Hence, livestock products derived from animals which consumed the item have no concern relevant to human health.
Sodium L-glutamate produced using the GLU-No.6 strain	FSCJ conclusion: According to the “Stance on Safety Assessments of Amino Acids and Other End Products” <sup>4</sup> , the item’s safety was confirmed.

<sup>2</sup> The item (ii) of paragraph (1) of article 11 of the Food Safety Basic Act designates the case where the contents and degree of adverse effects on human health are clear.

<sup>3</sup> “Stance on Safety Assessments of Amino Acids and Other End Products that are highly purified non-protein additives among additives produced using genetically modified microorganisms (Decision of the Commission dated 28 April 2005)”

<sup>4</sup> “Stance on Safety Assessments of Genetically Modified Feed and Feed Additives (Decision of the Commission dated 6 May 2004)”

<sup>5</sup> “Stance on Safety Assessments of Amino Acids and Other End Products that are highly purified non-protein additives among additives produced using genetically modified microorganisms (Decision of the Commission dated 28 April 2005)”

<sup>6</sup> Maize resistant to Lepidoptera, resistant to Coleoptera and tolerant to glufosinate herbicide.

<sup>7</sup> “Stance on Safety Assessments of Genetically Modified Foods (seed plants) (Decision of the Commission dated 29 January 2004)”

Food for Specified Health Uses

Item	Conclusion
Choshoku Purobaioteikusu Yoguruto BifiX <sup>8</sup>	FSCJ conclusion: <i>Choshoku Purobaioteikusu Yoguruto BifiX</i> has no concern relevant to human health as long as the presented documents concern.

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<sup>8</sup> “*Choshoku Purobaioteikusu Yoguruto BifiX*” is a name romanized the product name in Japanese using Hepburn's method for this provisional English translation.