

(Provisional translation)

Chiba Prefecture

Press release

Results of the monitoring inspection on fisheries products (laver (dried) and southern mackerel)

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In relation to the accident occurred at the Fukushima Daiichi nuclear plant of the Tokyo Electric Power Company, the Chiba Prefectural Government has implemented the monitoring inspection on radioactivity level, in order to ensure safety of fisheries products in Chiba Prefecture.

The result of the inspection was that (1) for the laver sample taken in the Minami-gyotoku cultivation area on 25 January and then dried, radioactivity was not detectable for both radioactive iodine and radioactive cesium, (2) for two laver samples taken in the Kutsuma and Shin-futtsu cultivation area on 4 February, radioactivity was not detectable for both radioactive iodine and radioactive cesium, and (3) for the southern mackerel sample landed at the Kanaya Fishing Port on 6 February, radioactivity was not detectable for radioactive iodine and 5.1 Bq/kg for radioactive cesium. The radioactivity was below the Provisional Regulation Value in all the four samples.

Results of the inspection

- Facility that conducted the analysis: Japan Chemical Analysis Center for No.1-3, Tohoku Ryokka Kankyohozen Co., Ltd. for No.4

No	Sampling date	Item	Cultivation area or landing port	Radioactive iodine-131	Radioactive cesium-134	Radioactive cesium-137	Analysis result
1	25-Jan	Laver (dried)	Minami-Gyotoku cultivation area	Not detectable (lower than 5.0 Bq/kg ^{*1})	Not detectable (lower than 6.4 Bq/kg ^{*1})	Not detectable (lower than 5.7 Bq/kg ^{*1})	Below the Provisional Regulation Value
2	4-Feb	Laver (dried)	Kutsuma cultivation area	Not detectable (lower than 3.6 Bq/kg ^{*1})	Not detectable (lower than 4.9 Bq/kg ^{*1})	Not detectable (lower than 4.2 Bq/kg ^{*1})	Below the Provisional Regulation Value
3	4-Feb	Laver (dried)	Shin-futtsu cultivation area	Not detectable (lower than 3.5 Bq/kg ^{*1})	Not detectable (lower than 4.5 Bq/kg ^{*1})	Not detectable (lower than 4.0 Bq/kg ^{*1})	Below the Provisional Regulation Value

4	6-Feb	Southern mackerel (<i>Scomber australasicus</i>)	Kanaya Fishing Port	Not detectable (lower than 0.44 Bq/kg ^{*1})	2.1 Bq/kg	3.0 Bq/kg	Below the Provisional Regulation Value
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- Provisional regulation value for seaweed and fish

Radioactive iodine: 2000 Becquerel/kg

Radioactive cesium (total of Cs-134 and Cs-137): 500 Becquerel/kg

*1: "lower than _" in the table above indicates that the measurement value is below the detection limit.

The detection limit for each samples were as follows. Detection limit varies with nuclide, sample species, type of detector, etc.

- Dried laver of Minami-Gyotoku: [iodine-131] 5.0 Bq/kg, [cesium-134] 6.4 Bq/kg, and [cesium-137] 5.7 Bq/kg
- Dried laver of Kutsuma: [iodine-131] 3.6 Bq/kg, [cesium-134] 4.9 Bq/kg, and [cesium-137] 4.2 Bq/kg
- Dried laver of Shin-futtsu: [iodine-131] 3.5 Bq/kg, [cesium-134] 4.5 Bq/kg, and [cesium-137] 4.0 Bq/kg
- Southern mackerel: [iodine-131] 0.44 Bq/kg, [cesium-134] 0.49 Bq/kg, and [cesium-137] 0.44 Bq/kg
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