

**Nuclide Analysis Results of Fish and Shellfish**  
**(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <1/10>**  
**(excluding the port)**

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Stone flounder (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(3.1)	ND(3.8)	ND
Schlegel's black rockfish (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(4.0)	ND(3.8)	ND
Common skete (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(3.5)	ND(3.5)	ND
Sea bass (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(4.2)	ND(3.9)	ND
Smooth dogfish (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(4.4)	ND(4.0)	ND
Marbled sole (muscle)	Around 1km Offshore of Ota River (T-S1)	March 14, 2019	ND(3.3)	ND(3.9)	ND
Stone flounder (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(4.1)	ND(3.1)	ND
Lepidotrigla microptena (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(4.2)	ND(3.2)	ND
Schlegel's black rockfish (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(3.3)	ND(3.5)	ND
Common skete (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(4.2)	ND(4.0)	ND

\*When analyzed results are less than detection limits of radioactivity concentrations, the values are showed as "ND." Detection limits of individual nuclides are shown in parenthesis.

\*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

\*Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <2/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Sea bass (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(3.5)	ND(3.8)	ND
Flatfish ① (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(4.3)	ND(3.7)	ND
Flatfish ② (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(3.6)	ND(3.7)	ND
Smooth dogfish (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(4.1)	ND(4.0)	ND
Marbled sole (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	March 14, 2019	ND(3.3)	7.9	7.9
Blue crab (whole)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(3.5)	ND(4.3)	ND
Lepidotrigla microptena (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(3.6)	ND(3.6)	ND
Yellow goosfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(2.9)	ND(4.1)	ND
Schlegel's black rockfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(3.9)	ND(4.3)	ND
Common skete (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(4.1)	ND(3.3)	ND

\*When analyzed results are less than detection limits of radioactivity concentrations, the values are showed as "ND." Detection limits of individual nuclides are shown in parenthesis.

\*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <3/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Ovalipes punctatus (whole)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(4.2)	ND(4.2)	ND
Flatfish ① (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(4.0)	ND(3.6)	ND
Flatfish ② (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(4.0)	ND(4.0)	ND
Searobin (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(3.2)	ND(3.2)	ND
Smooth dogfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(4.2)	ND(3.9)	ND
Marbled sole (muscle)	Around 3km Offshore of Ukedo River (T-S3)	March 7, 2019	ND(3.8)	ND(3.6)	ND
Yellow gosefish (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(3.7)	ND(3.6)	ND
Common skete (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(3.8)	ND(4.2)	ND
Ovalipes punctatus (whole)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(2.4)	ND(3.4)	ND
Flatfish ① (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(3.8)	ND(3.9)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <4/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Flatfish ② (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(3.1)	ND(4.5)	ND
Roundnose flounder (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	March 7, 2019	ND(4.1)	21	21
Black sea bream (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(4.0)	ND(3.9)	ND
Common skate (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(3.1)	ND(3.9)	ND
Flatfish (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(4.0)	ND(4.0)	ND
Smooth dogfish (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(3.8)	ND(3.6)	ND
Marbled sole (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(2.9)	ND(4.4)	ND
Roundnose flounder (muscle)	Around 2km Offshore of Kido River (T-S5)	March 19, 2019	ND(3.3)	ND(3.7)	ND
Sea raven (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	March 19, 2019	ND(3.7)	ND(3.7)	ND
Common skate (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	March 19, 2019	ND(3.4)	ND(3.6)	ND

\*When analyzed results are less than detection limits of radioactivity concentrations, the values are showed as "ND." Detection limits of individual nuclides are shown in parenthesis.

\*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

\*Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <5/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Sea bass (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	March 19, 2019	ND(3.1)	5.3	5.3
Smooth dogfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	March 19, 2019	ND(3.5)	ND(3.8)	ND
Japanese angel shark (muscle)	Around 4km Offshore of Kumagawa (T-S8)	March 15, 2019	ND(3.7)	ND(3.1)	ND
Sea bass (muscle)	Around 4km Offshore of Kumagawa (T-S8)	March 15, 2019	ND(3.8)	ND(3.8)	ND
Microstomus achne (muscle)	Around 4km Offshore of Kumagawa (T-S8)	March 15, 2019	ND(3.2)	ND(3.4)	ND
Flatfish (muscle)	Around 4km Offshore of Kumagawa (T-S8)	March 15, 2019	ND(3.6)	ND(4.1)	ND
Greenling (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.9)	ND(3.4)	ND
Lepidotrigla microptena (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(4.2)	ND(3.7)	ND
Yellow goosfish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.0)	ND(4.0)	ND
Common skete (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(4.2)	ND(3.5)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <6/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Sea bass (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.6)	ND(4.1)	ND
Microstomus achne (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(2.9)	ND(3.4)	ND
Flatfish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.7)	ND(4.0)	ND
Littlemouth flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.9)	ND(3.9)	ND
Marbled sole (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(4.0)	ND(4.1)	ND
Roundnose flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	March 26, 2019	ND(3.8)	ND(3.8)	ND
Greenling (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(4.4)	ND(3.6)	ND
Lepidotrigla microptena (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(4.0)	ND(3.7)	ND
Yellow goosfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.9)	ND(4.1)	ND
Sea raven (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.1)	ND(4.1)	ND

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\*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <7/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Common skate (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.9)	ND(4.2)	ND
Globefish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(4.3)	ND(3.4)	ND
Sea bass (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(4.0)	ND(3.7)	ND
Pointhead flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.2)	ND(3.6)	ND
Microstomus achne (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.3)	ND(3.9)	ND
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.8)	ND(4.0)	ND
Pacific cod (muscle)	Around 18km Offshore of Ukedo River (T-B2)	March 26, 2019	ND(3.3)	ND(3.8)	ND
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.8)	ND(4.0)	ND
Yellow goosfish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.5)	ND(3.9)	ND
Common skate (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.4)	ND(3.8)	ND

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\*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <8/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Globefish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.7)	ND(3.0)	ND
Sea bass (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.5)	ND(3.9)	ND
Pointhead flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.8)	ND(4.0)	ND
Flatfish ① (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(4.0)	ND(3.2)	ND
Flatfish ② (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(2.8)	ND(3.0)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(4.3)	ND(4.4)	ND
Smooth dogfish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.9)	ND(3.7)	ND
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.8)	ND(3.2)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.7)	31	31
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.5)	ND(3.6)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <9/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Ridged-eye flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	March 18, 2019	ND(3.6)	ND(3.6)	ND
Greenling (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(4.0)	ND(3.3)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.9)	ND(3.8)	ND
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.8)	ND(3.2)	ND
Yellow goosefish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.2)	ND(4.2)	ND
Schlegel's black rockfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.7)	ND(3.4)	ND
Common skate (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.7)	ND(4.1)	ND
Globefish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.5)	ND(4.4)	ND
Sea bass (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(4.0)	ND(3.7)	ND
Microstomus achne (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(4.1)	ND(3.2)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <10/10>  
(excluding the port)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Flatfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.3)	ND(3.8)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(4.0)	ND(3.7)	ND
Smooth dogfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(4.2)	ND(3.7)	ND
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.4)	ND(3.6)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.9)	ND(4.1)	ND
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.8)	ND(3.6)	ND
Ridged-eye flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	March 18, 2019	ND(3.7)	ND(3.8)	ND

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