



Radiation Measurement Results of 141 Items in March

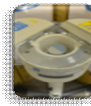


When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

The list below only shows the measurement results of the samples brought in.

Radioactive contamination level may differ according to sampling points even within the same address.

★Gamma-ray

Measuring instrument		Feature	Guide to lower limit※
Na I Scintillation Spectrometer			
Product of ATOMTEX AT1320A	Product of BERTHOLD LB2045	Gamma-ray spectrometer with Na I scintillation detector.	Food (Sample 1kg) Lower limit 1.0Bq/Kg
			Soil (Sample 1kg) Lower limit 2.5Bq/Kg
			Material (Sample 1kg) Lower limit 1.0Bq/Kg
			Water (Sample 20L) Lower limit 0.02Bq/L

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Na I Scintillation Spectrometer (Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Potato	Kawauchi, Futaba, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.6 Bq/kg raw
Potato	Funehiki, Tamura, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.6 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.4 Bq/kg raw
Sweet potato	Takine, Tamura, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.8 Bq/kg raw
Sweet potato	Iwaki city	Feb-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Pumpkin	Funehiki, Tamura, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Japanese white radish	Yabuki, Nishishirakawa, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Carrot	Otama, Adachi, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.7 Bq/kg raw
Carrot	Motomiya, Fukushima	Feb-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Carrot	Tsukuba, Ibaraki	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.9 Bq/kg raw
Turnip	Koriyama, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.9 Bq/kg raw
Lotus root	Tsukuba, Ibaraki	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Green onion	Tomioka, Futaba, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.9 Bq/kg raw
Cabbage	Minamisoma, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.9 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.7 Bq/kg raw
Cabbage	Tsukuba, Ibaraki	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.1 Bq/kg raw
Cabbage	Chiba Pref.	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.1 Bq/kg raw
Chinese cabbage	Naraha, Futaba, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.3 Bq/kg raw
Spinach	Kawauchi, Futaba, Fukushima	Mar-24	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.6 Bq/kg raw

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty		Total Amount of Cesium	Minimum Limit of Detection			
Spinach	Yabuki, Nishishirakawa, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.6	Bq/kg raw
Japanese mustard spinach	Kawauchi, Futaba, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.4	Bq/kg raw
Japanese mustard spinach	Idate, Soma, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Spinach	Ono, Tamura, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.3	Bq/kg raw
Spinach	Thukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.4	Bq/kg raw
Japanese mustard spinach	Miharu, Tamura, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.1	Bq/kg raw
Shrinking Japanese mustard spinach	Asahi, kashima, Ibaraki	Feb-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.7	Bq/kg raw
Canola flower	Iwaki City	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.2	Bq/kg raw
Mustard greens	Thukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.8	Bq/kg raw
Leaf lettuce	Soma, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.6	Bq/kg raw
Common iceplant	Tomioka, Futaba, Fukushima	Feb-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.7	Bq/kg raw
Leek	Idate, Soma, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.4	Bq/kg raw
Spring onion	Minamisoma, Fukushima	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Common bean	Tsukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.0	Bq/kg raw
Tomato	Fukushima Pref.	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.0	Bq/kg raw
Green soybeans (dry)	Namie, Futaba, Fukushima	Jan-23	Cs137	9.9	Bq/kg raw	±	2.4	Bq/kg raw	9.9	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Kiwi fruit	Tsukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Soybeans	Thukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.7	Bq/kg raw
Soybeans	Aomori Pref.	Feb-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Iwaki City	Mar-24	Cs137	2.2	Bq/kg raw	±	1.3	Bq/kg raw	2.2	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.4	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Samekawa, Higashishirakawa, Fukushima	Feb-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Shiitake mushroom	Shinchi, Soma, Fukushima	Mar-24	Cs137	4.4	Bq/kg raw	±	1.5	Bq/kg raw	4.4	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Shiitake mushroom	Tsukuba, Ibaraki	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.4	Bq/kg raw
Perilla	Tomioka, Futaba, Fukushima	Feb-24	Cs137	32.8	Bq/kg raw	±	4.1	Bq/kg raw	32.8	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.6	Bq/kg raw

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But it does not necessary mean 0(zero)Bq/kg.

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection		
Konjac	Ishikawa, Fukushima	Feb-24	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.7 Bq/kg raw	
Noodles made from konjac	Fukushima Pref.	Feb-24	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.1 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.0 Bq/kg raw	
Tofu	Naka, Ibaraki	Feb-24	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.9 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.8 Bq/kg raw	
Rice flour	Domestic Production	Mar-24	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.9 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.7 Bq/kg raw	
Spaghetti (Dried noodle)	Turkey	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.5 Bq/kg raw	
Oats flakes	Deutschland	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.9 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	2.6 Bq/kg raw	
Yogurt	Domestic Production	Mar-24	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.5 Bq/kg raw	
Soil (in the park)	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	513.0 Bq/kg dry	± 52.4 Bq/kg dry	— Bq/kg dry	522.0	Cs137	1.3 Bq/kg dry	
			Cs134	9.0 Bq/kg dry	± 1.2 Bq/kg dry	— Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil (in the park)	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	158.0 Bq/kg dry	± 17.4 Bq/kg dry	— Bq/kg dry	158.0	Cs137	4.0 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	3.7 Bq/kg dry	
Soil(in the park) at the steps of a slide	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	63.0 Bq/kg dry	± 6.8 Bq/kg dry	— Bq/kg dry	63.0	Cs137	1.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil (in the park)	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	13.5 Bq/kg dry	± 1.9 Bq/kg dry	— Bq/kg dry	13.5	Cs137	2.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil(in the park) under the swing	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	13.2 Bq/kg dry	± 1.8 Bq/kg dry	— Bq/kg dry	13.2	Cs137	2.4 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil(in the park) Sandbox	Unaginuma Children's Playground Kaminida, Yothukura, Iwaki	Feb-24	Cs137	6.7 Bq/kg dry	± 0.8 Bq/kg dry	— Bq/kg dry	6.7	Cs137	0.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	0.9 Bq/kg dry	
Soil (in the park)	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	99.9 Bq/kg dry	± 11.1 Bq/kg dry	— Bq/kg dry	99.9	Cs137	3.0 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil (in the park)	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	79.5 Bq/kg dry	± 8.5 Bq/kg dry	— Bq/kg dry	79.5	Cs137	1.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil(in the park) under the horizontal bar	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	51.3 Bq/kg dry	± 5.7 Bq/kg dry	— Bq/kg dry	51.3	Cs137	1.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil (in the park)	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	29.4 Bq/kg dry	± 3.6 Bq/kg dry	— Bq/kg dry	29.4	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.8 Bq/kg dry	
Soil(in the park) under the bench	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	12.1 Bq/kg dry	± 1.5 Bq/kg dry	— Bq/kg dry	12.1	Cs137	1.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the swing	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	10.4 Bq/kg dry	± 1.5 Bq/kg dry	— Bq/kg dry	10.4	Cs137	2.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil (in the park)	Kuseharakita Park/ Kusehara, Simoarakawa, Taira, Iwaki	Mar-24	Cs137	10.1 Bq/kg dry	± 1.4 Bq/kg dry	— Bq/kg dry	10.1	Cs137	1.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry	— Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil(in the park) Back warehouse	Furudate Park/ Kimigaduka, Onahama, Iwaki	Mar-24	Cs137	2330.0 Bq/kg dry	± 236.0 Bq/kg dry	— Bq/kg dry	2370.5	Cs137	2.1 Bq/kg dry	
			Cs134	40.5 Bq/kg dry	± 4.5 Bq/kg dry	— Bq/kg dry		Cs134	1.9 Bq/kg dry	
Soil(in the park) Back warehouse	Furudate Park/ Kimigaduka, Onahama, Iwaki	Mar-24	Cs137	1590.0 Bq/kg dry	± 162.0 Bq/kg dry	— Bq/kg dry	1618.7	Cs137	2.1 Bq/kg dry	
			Cs134	28.7 Bq/kg dry	± 3.3 Bq/kg dry	— Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Furudate Park/ Kimigaduka, Onahama, Iwaki	Mar-24	Cs137	1180.0 Bq/kg dry	± 122.0 Bq/kg dry	— Bq/kg dry	1201.9	Cs137	3.6 Bq/kg dry	
			Cs134	21.9 Bq/kg dry	± 3.0 Bq/kg dry	— Bq/kg dry		Cs134	4.0 Bq/kg dry	
Soil (in the park)	Furudate Park/ Kimigaduka, Onahama, Iwaki	Mar-24	Cs137	991.0 Bq/kg dry	± 102.0 Bq/kg dry	— Bq/kg dry	1009.2	Cs137	2.8 Bq/kg dry	
			Cs134	18.2 Bq/kg dry	± 2.4 Bq/kg dry	— Bq/kg dry		Cs134	3.1 Bq/kg dry	

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★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty		Total Amount of Cesium	Minimum Limit of Detection		
Soil(in the park) under the bench	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	571.0	Bq/kg dry	±	59.1	580.1	Cs137	2.5	Bq/kg dry
			Cs134	9.1	Bq/kg dry	±	1.6		Cs134	2.8	Bq/kg dry
Soil (in the park)	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	463.0	Bq/kg dry	±	47.3	470.9	Cs137	1.3	Bq/kg dry
			Cs134	7.9	Bq/kg dry	±	1.1		Cs134	1.5	Bq/kg dry
Soil (in the park)	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	397.0	Bq/kg dry	±	40.5	402.4	Cs137	1.2	Bq/kg dry
			Cs134	5.4	Bq/kg dry	±	0.8		Cs134	1.4	Bq/kg dry
Soil (in the park)	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	338.0	Bq/kg dry	±	34.8	343.3	Cs137	1.2	Bq/kg dry
			Cs134	5.3	Bq/kg dry	±	0.8		Cs134	1.5	Bq/kg dry
Soil (in the park) drinking fountains	Furudate Park/ Kimigaduka, Onahama.Iwaki	Apr-24	Cs137	197.0	Bq/kg dry	±	21.2	197.0	Cs137	3.8	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	3.4	Bq/kg dry
Soil(in the park) at the steps of a slide	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	195.0	Bq/kg dry	±	21.1	195.0	Cs137	3.9	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	3.6	Bq/kg dry
Soil(in the park) under the monkey bars	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	185.0	Bq/kg dry	±	19.2	188.5	Cs137	1.2	Bq/kg dry
			Cs134	3.5	Bq/kg dry	±	0.7		Cs134	1.4	Bq/kg dry
Soil(in the park) Sandbox	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	35.9	Bq/kg dry	±	4.3	35.9	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.0	Bq/kg dry
Soil(in the park) under the swing	Furudate Park/ Kimigaduka, Onahama.Iwaki	Mar-24	Cs137	65.2	Bq/kg dry	±	7.5	65.2	Cs137	2.9	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.6	Bq/kg dry

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.



★Gamma-ray

Measuring instrument		Feature	Guide to lower limit※
Germanium Semiconductor detector			
ORTEC GEM30-70	CANBERRA GC4020	・ Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." ・ ORTEC GEM30-70 Relative efficiency 35% ・ CANBERRA GC4020 Relative efficiency 43%	Food (Sample 2kg) Lower limit 0.04Bq/Kg Soil (Sample 1kg) Lower limit 0.06Bq/Kg Material (Sample 1kg) Lower limit 0.06Bq/Kg Water (Sample 20L) Lower limit 0.001Bq/L

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Germanium Semiconductor detector

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Rice	Niigara Pref.	Oct-23	OR	Cs137	0.06 Bq/kg raw	± 0.02 Bq/kg raw		0.06	Cs137	0.04 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.07 Bq/kg raw
Carrot	Tomioka, Futaba, Fukushima	Feb-24	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.09 Bq/kg raw
Shrinking spinach	Nihonmatsu, Fukushima	Feb-24	OR	Cs137	0.4 Bq/kg raw	± 0.07 Bq/kg raw		0.4	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Yam	Naraha, Futaba, Fukushima	Feb-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Green soybeans (dried)	Namie, Futaba, Fukushima	Mar-24	OR	Cs137	11.0 Bq/kg raw	± 0.5 Bq/kg raw		11.0	Cs137	0.7 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	1.0 Bq/kg raw
Butterbur sprout	Namie, Futaba, Fukushima	Mar-24	CA	Cs137	81.8 Bq/kg raw	± 2.2 Bq/kg raw		81.8	Cs137	1.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	1.6 Bq/kg raw
Butterbur sprout	Iidate, Soma, Fukushima	Mar-24	OR	Cs137	56.1 Bq/kg raw	± 2.0 Bq/kg raw		56.1	Cs137	1.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	1.8 Bq/kg raw
Butterbur sprout	Kamitochikubo, Minamisoma, Fukushima	Mar-24	CA	Cs137	43.8 Bq/kg raw	± 0.9 Bq/kg raw		43.8	Cs137	0.9 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.9 Bq/kg raw
Perilla	Tomioka, Futaba, Fukushima	Feb-24	CA	Cs137	38.3 Bq/kg raw	± 1.0 Bq/kg raw		39.6	Cs137	1.2 Bq/kg raw
				Cs134	1.3 Bq/kg raw	± 0.5 Bq/kg raw			Cs134	1.1 Bq/kg raw
Honey(field)	Iwaki City.	Mar-24	OR	Cs137	3.6 Bq/kg raw	± 0.2 Bq/kg raw		3.6	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.3 Bq/kg raw
Buck wheat flour	Fukushima, Fukushima Pref.	Feb-24	CA	Cs137	2.3 Bq/kg raw	± 0.2 Bq/kg raw		2.3	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.4 Bq/kg raw
Milk	Minamisoma, Fukushima	Mar-24	OR	Cs137	0.57 Bq/kg raw	± 0.04 Bq/kg raw		0.57	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.06 Bq/kg raw
Milk	Kushiro, Hokkaido	Feb-24	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.06 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	1.2 Bq/kg raw	± 0.1 Bq/kg raw		1.2	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	1.0 Bq/kg raw	± 0.07 Bq/kg raw		1.0	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	1.0 Bq/kg raw	± 0.1 Bq/kg raw		1.0	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.9 Bq/kg raw	± 0.1 Bq/kg raw		0.9	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.9 Bq/kg raw	± 0.06 Bq/kg raw		0.9	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.8 Bq/kg raw	± 0.1 Bq/kg raw		0.8	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.82 Bq/kg raw	± 0.14 Bq/kg raw		0.82	Cs137	0.26 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.31 Bq/kg raw

※"—used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
White rockfish	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.81 Bq/kg raw	± 0.13 Bq/kg raw		0.81	Cs137	0.25 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.23 Bq/kg raw
Yellowback seabream	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.4 Bq/kg raw	± 0.16 Bq/kg raw		0.4	Cs137	0.32 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.32 Bq/kg raw
Yellowback seabream	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Greenling	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	1.14 Bq/kg raw	± 0.06 Bq/kg raw		1.14	Cs137	0.11 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Roundnose flounder	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.3 Bq/kg raw	± 0.13 Bq/kg raw		0.3	Cs137	0.27 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.26 Bq/kg raw
Squid	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Marbled sole	Ukedo Port/ Futaba,Fukushima	Feb-24	OR	Cs137	0.16 Bq/kg raw	± 0.04 Bq/kg raw		0.16	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.09 Bq/kg raw
Smelt	Kodama Dam/ Ogawa, Iwaki, Fukushima	Mar-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	2.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	2.7 Bq/kg raw
Sea water A (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.004 Bq/L	± 0.0005 Bq/L		0.004	Cs137	0.0009 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water A (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.005 Bq/L	± 0.0005 Bq/L		0.005	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water B (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.004 Bq/L	± 0.0005 Bq/L		0.004	Cs137	0.0009 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water B (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.004 Bq/L	± 0.0005 Bq/L		0.004	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water C (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.003 Bq/L	± 0.0005 Bq/L		0.003	Cs137	0.0009 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water C (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.004 Bq/L	± 0.0005 Bq/L		0.004	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water D (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.024 Bq/L	± 0.0008 Bq/L		0.024	Cs137	0.0009 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water D (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	OR	Cs137	0.020 Bq/L	± 0.0007 Bq/L		0.020	Cs137	0.0009 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water A surface (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water A lower (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water B surface (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water B lower (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.043 Bq/L	± 0.001 Bq/L		0.043	Cs137	0.002 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.002 Bq/L
Sea water C surface (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water C lower (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water D surface (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	— Bq/L	± — Bq/L		Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.001 Bq/L
Sea water D lower (Suspended soil)	Fukushima daiichi nuclear power station Offing	Mar-24	CA	Cs137	0.004 Bq/L	± 0.0009 Bq/L		0.004	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L			Cs134	0.002 Bq/L

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

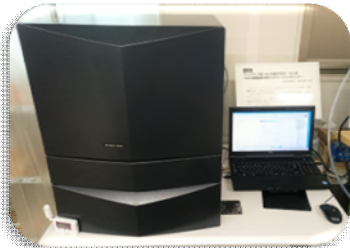
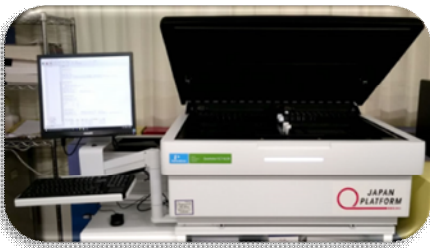
Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Soil (in the park)	Kuseharakita Park/ Kusehara, Shimoarakawa, Taira, Iwaki	Feb-24	OR	Cs137	794.6 Bq/kg dry	± 15.9 Bq/kg dry		807.5	Cs137	3.6 Bq/kg dry
				Cs134	12.9 Bq/kg dry	± 2.6 Bq/kg dry			Cs134	3.8 Bq/kg dry
Soil(in the park) under the bench	Unaginuma Children's Playground/Kaminiida , Yotsukura, Iwaki	Feb-24	CA	Cs137	1008.0 Bq/kg dry	± 11.9 Bq/kg dry		1024.6	Cs137	3.4 Bq/kg dry
				Cs134	16.6 Bq/kg dry	± 1.5 Bq/kg dry			Cs134	3.9 Bq/kg dry
Soil (in the park)	Unaginuma Children's Playground/Kaminiida , Yotsukura, Iwaki	Feb-24	OR	Cs137	366.2 Bq/kg dry	± 6.2 Bq/kg dry		373.1	Cs137	2.3 Bq/kg dry
				Cs134	6.9 Bq/kg dry	± 1.4 Bq/kg dry			Cs134	2.6 Bq/kg dry
Soil (in the park)	Unaginuma Children's Playground/Kaminiida , Yotsukura, Iwaki	Feb-24	OR	Cs137	327.1 Bq/kg dry	± 5.6 Bq/kg dry		332.2	Cs137	2.2 Bq/kg dry
				Cs134	5.1 Bq/kg dry	± 1.3 Bq/kg dry			Cs134	2.4 Bq/kg dry
Ash (Wood-burning stove)	Kusakidai, Iwaki	Mar-24	OR	Cs137	860.8 Bq/kg dry	± 4.6 Bq/kg dry		875.7	Cs137	1.8 Bq/kg dry
				Cs134	14.9 Bq/kg dry	± 1.0 Bq/kg dry			Cs134	1.8 Bq/kg dry

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.



★Beta-ray

Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex HIDEX 300SLL	Product of PerkinElmer Japan Quantulus GCT 6220	Equipment for measuring low-energy beta-ray emission nuclides
		Measuring nuclide Strontium90 Half-life 30 years Organic bound Harf-life 12.3 years Free-water tritium Harf-life 12.3 years All samples are measured in liquid condition after several days of pretreatment.

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Minimum Limit of Detection	
Flounder	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T (Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.34	Bq/L
White rockfish	Sendai Port/ Miyagi	Apr-23	T (Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.35	Bq/L
Chub mackerel	Fukushima Daiichi Nuclear Power Station Offing	Apr-23	T (Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.36	Bq/L
Flounder	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Organically bound)	Under Minimum Limit of Detection	Bq/kg raw	±	—	Bq/kg raw	0.09	Bq/kg raw
Sardine	Numanouchi Port/ Iwaki	Aug-22	T(Organically bound)	Under Minimum Limit of Detection	Bq/kg raw	±	—	Bq/kg raw	0.08	Bq/kg raw
Oyster	Mathushima, Miyagi	Nov-23	T(Organically bound)	Under Minimum Limit of Detection	Bq/kg raw	±	—	Bq/kg raw	0.09	Bq/kg raw
Sea water A (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T(Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04	Bq/L
Sea water A (lower)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T(Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04	Bq/L
Sea water B (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T(Free)	0.05	Bq/L	±	0.04	Bq/L	0.04	Bq/L
Sea water B (lower)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T(Free)	0.05	Bq/L	±	0.04	Bq/L	0.04	Bq/L
Sea water (surface)	Futaba Baech/ Fukushima	May-23	T(Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04	Bq/L
Soil(sand)	Nakizin, Okinawa	May-21	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.86	Bq/kg dry
Sea sand	Ogima, Okinawa	May-21	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.90	Bq/kg dry
Sea water A (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005	Bq/L
Sea water A (lower)	Fukushima Daiichi Nuclear Power Station Offing	May-24	Sr90	0.0006	Bq/L	±	0.0003	Bq/L	0.0005	Bq/L
Sea water B (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0004	Bq/L
Sea water C (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005	Bq/L

Measurement results of 16 items by germanium semiconductor detector

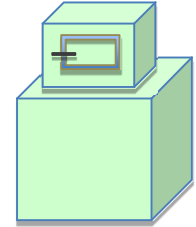
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

In order to convey more measurement results to everyone, we have asked Dr. Tetsuji Imanaka of the Institute of Advanced Nuclear Science, Kyoto University, to measure low-dose samples using germanium semiconductor detectors. Measurement samples are not only from Fukushima Prefecture but also come from other prefectures. Please compare data based on measurements from various regions and use them to protect your children from radiation exposure.

★Gamma-ray

Measuring instrument : Germanium Semiconductor detector

- Product of CANBERRA(CA),USA GX3018 Relative efficiency 30% or more
- Product of ORTEC(OR),USA GMX25-70 Relative efficiency 35%

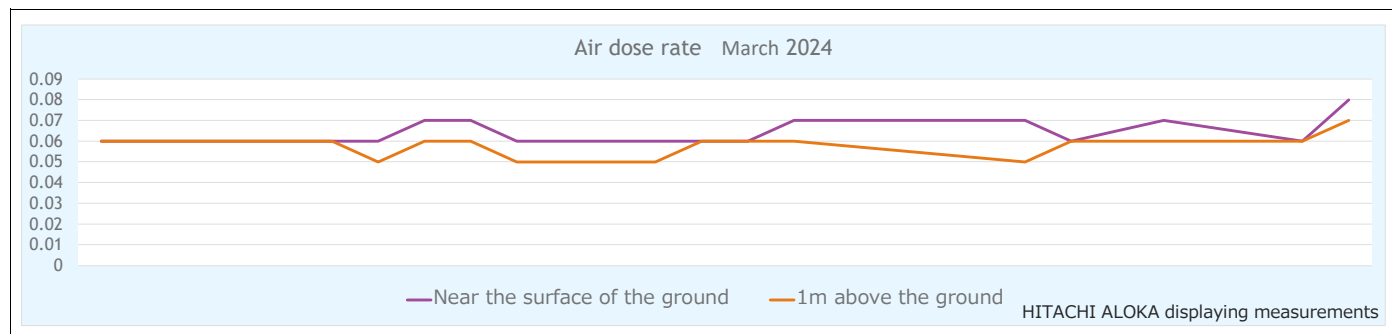


(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Green onion	Minamisoma, Fukushima	Jan-24	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Broccoli	Fukushima Pref.	Jan-24	OR	Cs137	2.6 Bq/kg raw	±	0.1 Bq/kg raw	2.6	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Kale	Namie, Futaba, Fukushima	Jan-24	OR	Cs137	0.37 Bq/kg raw	±	0.08 Bq/kg raw	0.37	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Shrinking Japanese mustard spinach	Namie, Futaba, Fukushima	Jan-24	CA	Cs137	0.85 Bq/kg raw	±	0.06 Bq/kg raw	0.85	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Carrot	Kawauchi, Futaba, Fukushima	Jan-24	CA	Cs137	0.06 Bq/kg raw	±	0.02 Bq/kg raw	0.06	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Japanese white radish	Naraha, Futaba, Fukushima	Jan-24	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.04 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Yacon	Namie, Futaba, Fukushima	Jan-24	CA	Cs137	4.2 Bq/kg raw	±	0.1 Bq/kg raw	4.2	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Lotus root	Ibaraki Pref.	Jan-24	CA	Cs137	3.2 Bq/kg raw	±	0.06 Bq/kg raw	3.2	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Yam	Tomioka, Futaba, Fukushima	Jan-24	OR	Cs137	0.9 Bq/kg raw	±	0.09 Bq/kg raw	0.9	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Sweet potato	Kawauchi, Futaba, Fukushima	Jan-24	OR	Cs137	0.67 Bq/kg raw	±	0.11 Bq/kg raw	0.67	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Green soybean	Yamagata Pref.	Oct-23	OR	Cs137	0.54 Bq/kg raw	±	0.17 Bq/kg raw	0.54	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Azuki bean	Namie, Futaba, Fukushima	Jan-24	CA	Cs137	12.5 Bq/kg raw	±	0.5 Bq/kg raw	12.5	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Green bean	Tomioka, Futaba, Fukushima	Jan-24	OR	Cs137	6.3 Bq/kg raw	±	0.4 Bq/kg raw	6.3	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Roasted soybean flour	Hokaido	Oct-23	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Bran	Fukushima Pref.	Oct-23	CA	Cs137	3.0 Bq/kg raw	±	0.2 Bq/kg raw	3.0	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Raw rice malt	Koriyama, Fukushima	Oct-23	OR	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw

Air dose rate March 2024

Measuring Instrument		Measuring Place
CsI Scintillation survey meter	NaI Scintillation survey meter	Yokocho Park, Onahama, Iwaki, Fukushima
③HITACHI ALOKA TCS-1172	⑦HORIBA Radi PA-1100	
		
Feature:Measuring air (space) radiation dose and radioactive surface contamination of human body and other things.		



	Measuring instrument	HITACHI ALOKA	HORIBA Radi	HITACHI ALOKA	HORIBA Radi
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/3/1		0.06	0.064	0.06	0.058
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/3/4		0.06	0.063	0.06	0.064
2024/3/5		0.06	0.063	0.06	0.063
2024/3/6		0.06	0.060	0.06	0.061
2024/3/7		0.06	0.057	0.05	0.060
2024/3/8		0.07	0.071	0.06	0.064
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/3/11		0.07	0.068	0.06	0.061
2024/3/12		0.06	0.057	0.05	0.051
2024/3/13		0.06	0.063	0.05	0.058
2024/3/14		0.06	0.066	0.06	0.058
2024/3/15		0.06	0.062	0.06	0.060
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/3/18		0.07	0.064	0.06	0.057
2024/3/19		0.07	0.066	0.05	0.062
2024/3/21		0.06	0.066	0.06	0.063
2024/3/22		0.07	0.068	0.06	0.062
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/3/25		0.06	0.061	0.06	0.062
2024/3/26		0.08	0.083	0.07	0.073
2024/3/27		0.07	0.065	0.06	0.065
2024/3/28		0.06	0.062	0.06	0.056
2024/3/29		0.07	0.069	0.06	0.064