



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

※"—" 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

※"_" 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				
Konjac	Ishikawa, Fukushima	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
Noodles made from konjac	Fukushima Pref.	Feb-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
Tofu	Naka, Ibaraki	Feb-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	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	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	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	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Oats flakes	Deutschland	Sep-23	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	2.6	Bq/kg raw
Yogurt	Domestic Production	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	1.5	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	522.0	Cs137	1.3	Bq/kg dry
			Cs134	9.0	Bq/kg dry	±	1.2	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	158.0	Cs137	4.0	Bq/kg dry
			Cs134	—	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	63.0	Cs137	1.3	Bq/kg dry
			Cs134	—	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	13.5	Cs137	2.2	Bq/kg dry
			Cs134	—	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	13.2	Cs137	2.4	Bq/kg dry
			Cs134	—	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	6.7	Cs137	0.8	Bq/kg dry
			Cs134	—	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	99.9	Cs137	3.0	Bq/kg dry
			Cs134	—	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	79.5	Cs137	1.6	Bq/kg dry
			Cs134	—	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	51.3	Cs137	1.8	Bq/kg dry
			Cs134	—	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	29.4	Cs137	2.3	Bq/kg dry
			Cs134	—	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	12.1	Cs137	1.1	Bq/kg dry
			Cs134	—	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	10.4	Cs137	2.1	Bq/kg dry
			Cs134	—	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	10.1	Cs137	1.9	Bq/kg dry
			Cs134	—	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	2370.5	Cs137	2.1	Bq/kg dry
			Cs134	40.5	Bq/kg dry	±	4.5	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	1618.7	Cs137	2.1	Bq/kg dry
			Cs134	28.7	Bq/kg dry	±	3.3	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	1201.9	Cs137	3.6	Bq/kg dry
			Cs134	21.9	Bq/kg dry	±	3.0	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	1009.2	Cs137	2.8	Bq/kg dry
			Cs134	18.2	Bq/kg dry	±	2.4	Bq/kg dry		Cs134	3.1	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

(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 Bq/kg dry	580.1	Cs137	2.5 Bq/kg dry		
			Cs134	9.1 Bq/kg dry	± 1.6 Bq/kg dry		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 Bq/kg dry	470.9	Cs137	1.3 Bq/kg dry		
			Cs134	7.9 Bq/kg dry	± 1.1 Bq/kg dry		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 Bq/kg dry	402.4	Cs137	1.2 Bq/kg dry		
			Cs134	5.4 Bq/kg dry	± 0.8 Bq/kg dry		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 Bq/kg dry	343.3	Cs137	1.2 Bq/kg dry		
			Cs134	5.3 Bq/kg dry	± 0.8 Bq/kg dry		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 Bq/kg dry	197.0	Cs137	3.8 Bq/kg dry		
			Cs134	— Bq/kg dry	± — 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 Bq/kg dry	195.0	Cs137	3.9 Bq/kg dry		
			Cs134	— Bq/kg dry	± — 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 Bq/kg dry	188.5	Cs137	1.2 Bq/kg dry		
			Cs134	3.5 Bq/kg dry	± 0.7 Bq/kg dry		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 Bq/kg dry	35.9	Cs137	2.2 Bq/kg dry		
			Cs134	— Bq/kg dry	± — 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 Bq/kg dry	65.2	Cs137	2.9 Bq/kg dry		
			Cs134	— Bq/kg dry	± — 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	<ul style="list-style-type: none"> · 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	Niigata 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)

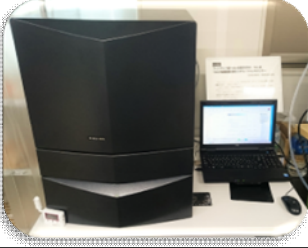

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Soil (in the park)	Kuseharakita Park/ Kusehara, Shimoarakawa, Taira, Iwaki	Feb-24	OR	Cs137	794.6 Bq/kg dry	± 15.9 Bq/kg dry	807.5	Cs137	3.6 Bq/kg dry	
				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 Organically bound tritium Half-life 12.3 years Free water tritium Half-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	Sendai Port/ Miyagi	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	Mar-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	Mar-24	Sr90	0.0006	Bq/L	±	0.0003	Bq/L	0.0005 Bq/L
Sea water B (surface)	Fukushima Daiichi Nuclear Power Station Offing	Mar-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005 Bq/L
Sea water C (surface)	Fukushima Daiichi Nuclear Power Station Offing	Mar-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005 Bq/L
Sea water (surface)	Iwasawa Beach/ Fukushima	Dec-23	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005 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.