



Radiation Measurement Results of 158 Items in March


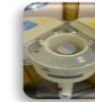


When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

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				
Green pepper	Miyazaki Pref.	Feb-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Tomato	Iwaki city	Mar-23	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
Japanese mustard spinach	Shinchi, Soma, Fukushima	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.0	Bq/kg raw
Mustard greens	Iwaki city	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.6	Bq/kg raw
Purplestem-mustard	Hirono, Futaba, Fukushima	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.4	Bq/kg raw
Tsubomina	Naraha, Futaba, Fukushima	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	4.0	Bq/kg raw
Purplestem-mustard	Tomioka, Futaba, Fukushima	Mar-23	Cs137	13.7	Bq/kg raw	±	4.0	Bq/kg raw	13.7	Cs137	4.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	4.4	Bq/kg raw
Kakina	Namie, Futaba, Fukushima	Feb-23	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	2.8	Bq/kg raw
Kakina	Shinchi, Soma, Fukushima	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.0	Bq/kg raw
Wasabi greens	Nanegata, Ibaraki	Feb-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	1.4	Bq/kg raw
Qing-geng-cai	Ibaraki	Feb-23	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	2.9	Bq/kg raw
Spinach	Kawauchi, Futaba, Fukushima	Feb-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.6	Bq/kg raw
Cabbage	Namie, Futaba, Fukushima	Feb-23	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	2.5	Bq/kg raw
Kukitachina	Miharu, Tamura, Fukushima	Mar-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	1.4	Bq/kg raw
Chinese cabbage	Miharu, Tamura, Fukushima	Mar-23	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
Canola flower	Futaba, Futaba, Fukushima	Mar-23	Cs137	9.4	Bq/kg raw	±	2.6	Bq/kg raw	9.4	Cs137	2.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.4	Bq/kg raw
Broccoli	Naraha, Futaba, Fukushima	Mar-23	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	3.2	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	
Broccoli	Minamisoma, Fukushima	Feb-23	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.9 Bq/kg raw
Carrot	Naraha, Futaba, Fukushima	Mar-23	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
Carrot	Ibaraki Pref.	Mar-23	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
Carrot	Iwaki City	Mar-23	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	1.5 Bq/kg raw
Japanese white radish	Chiba Pref.	Mar-23	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
Celery	Shizuoka Pref.	Mar-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	1.4 Bq/kg raw
Small Turnip	Chiba Pref.	Mar-23	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	1.5 Bq/kg raw
Onion	Saga Pref.	Mar-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
Spring onion	Hirono, Futaba, Fukushima	Mar-23	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-23	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.4 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.2 Bq/kg raw
Green onion	Namie, Futaba, Fukushima	Feb-23	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
Kiwi fruit	Kawauchi, Futaba, Fukushima	Feb-23	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	1.2 Bq/kg raw
strawberry	Namie, Futaba, Fukushima	Feb-23	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
Kumquat	Hirono, Futaba, Fukushima	Mar-23	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
Taro	Namie, Futaba, Fukushima	Feb-23	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
Taro	Tomioka, Futaba, Fukushima	Mar-23	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
Yam	Naraha, Futaba, Fukushima	Mar-23	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	2.1 Bq/kg raw
Potato	Hokkaido	Mar-23	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
Jerusalem artichoke	Kawauchi, Futaba, Fukushima	Feb-23	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
Green soybean	Nagai, Yamagata	Feb-23	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Soybeans	Kawauchi, Futaba, Fukushima	Feb-23	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	1.1 Bq/kg raw
Green soybean	Namie, Futaba, Fukushima	Feb-23	Cs137	43.3 Bq/kg raw	±	4.7 Bq/kg raw	43.3	Cs137	1.5 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.1 Bq/kg raw
Green bean	Tomioka, Futaba, Fukushima	Mar-23	Cs137	28.2 Bq/kg raw	±	3.3 Bq/kg raw	28.2	Cs137	1.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Corn(dried)	Namie, Futaba, Fukushima	Feb-23	Cs137	4.9 Bq/kg raw	±	1.4 Bq/kg raw	4.9	Cs137	1.5 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.2 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	
Prilla	Tomioka, Futaba, Fukushima	Mar-23	Cs137	24.8 Bq/kg raw	± 3.4 Bq/kg raw	24.8	Cs137	2.0 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.7 Bq/kg raw	
Enoki mushroom	Esashi, Iwate	Feb-23	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	1.5 Bq/kg raw	
Shimeji mushroom	Niigata Pref.	Mar-23	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	1.2 Bq/kg raw	
Soil (in the park)	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	2390.0 Bq/kg dry	± 244.0 Bq/kg dry	2450.1	Cs137	3.8 Bq/kg dry	
			Cs134	60.1 Bq/kg dry	± 6.9 Bq/kg dry		Cs134	3.6 Bq/kg dry	
Soil (in the park)	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	665.0 Bq/kg dry	± 67.8 Bq/kg dry	684.2	Cs137	1.6 Bq/kg dry	
			Cs134	19.2 Bq/kg dry	± 2.4 Bq/kg dry		Cs134	1.8 Bq/kg dry	
Soil (in the park)	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	439.0 Bq/kg dry	± 45.0 Bq/kg dry	449.5	Cs137	1.3 Bq/kg dry	
			Cs134	10.5 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil (in the park)	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	281.0 Bq/kg dry	± 28.8 Bq/kg dry	286.5	Cs137	1.2 Bq/kg dry	
			Cs134	5.5 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the swing	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	269.0 Bq/kg dry	± 27.7 Bq/kg dry	277.4	Cs137	1.2 Bq/kg dry	
			Cs134	8.4 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the slide	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	65.4 Bq/kg dry	± 7.3 Bq/kg dry	65.4	Cs137	2.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil(in the park) under the horizontal bar	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	2.9 Bq/kg dry	± 0.7 Bq/kg dry	2.9	Cs137	1.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry	
Soil (in the park)	Satogaokaicchome daiichi Park 1, Satogaoka, Iwaki	Feb-23	Cs137	1.6 Bq/kg dry	± 0.4 Bq/kg dry	1.6	Cs137	1.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	3850.0 Bq/kg dry	± 388.0 Bq/kg dry	3951.0	Cs137	2.6 Bq/kg dry	
			Cs134	101.0 Bq/kg dry	± 10.6 Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	3710.0 Bq/kg dry	± 374.0 Bq/kg dry	3801.6	Cs137	2.8 Bq/kg dry	
			Cs134	91.6 Bq/kg dry	± 9.8 Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	884.0 Bq/kg dry	± 89.8 Bq/kg dry	901.2	Cs137	1.5 Bq/kg dry	
			Cs134	17.2 Bq/kg dry	± 2.1 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	780.0 Bq/kg dry	± 79.3 Bq/kg dry	795.7	Cs137	1.5 Bq/kg dry	
			Cs134	15.7 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	389.0 Bq/kg dry	± 39.7 Bq/kg dry	399.5	Cs137	1.2 Bq/kg dry	
			Cs134	10.5 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil(in the park) Sandbox	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	124.0 Bq/kg dry	± 13.4 Bq/kg dry	127.3	Cs137	1.6 Bq/kg dry	
			Cs134	3.3 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	2.0 Bq/kg dry	
Soil(in the park) under the swing	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	22.7 Bq/kg dry	± 2.5 Bq/kg dry	22.7	Cs137	1.0 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil(in the park) under the slide	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	18.6 Bq/kg dry	± 2.1 Bq/kg dry	18.6	Cs137	1.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil (in the park)	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	12.3 Bq/kg dry	± 1.7 Bq/kg dry	12.3	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil(in the park) under the tree	Satogaokanichome daiichi Park 2, Satogaoka, Iwaki	Feb-23	Cs137	9.4 Bq/kg dry	± 1.3 Bq/kg dry	9.4	Cs137	1.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.9 Bq/kg dry	
Soil (in the park)	Satogaokanichome daisan Park 2, Satogaoka, Iwaki	Mar-23	Cs137	591.0 Bq/kg dry	± 61.0 Bq/kg dry	604.7	Cs137	2.3 Bq/kg dry	
			Cs134	13.7 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	2.5 Bq/kg dry	
Soil(in the park) drinking fountains	Satogaokanichome daisan Park 2, Satogaoka, Iwaki	Mar-23	Cs137	420.0 Bq/kg dry	± 42.9 Bq/kg dry	431.9	Cs137	1.3 Bq/kg dry	
			Cs134	11.9 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil (in the park)	Satogaokanichome daisan Park 2, Satogaoka, Iwaki	Mar-23	Cs137	305.0 Bq/kg dry	± 31.4 Bq/kg dry	312.0	Cs137	1.2 Bq/kg dry	
			Cs134	7.0 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	1.4 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 tree	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	290.0 Bq/kg dry	± 31.2 Bq/kg dry	297.0	Cs137	3.1 Bq/kg dry	
			Cs134	7.0 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	3.7 Bq/kg dry	
Soil (in the park)	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	98.3 Bq/kg dry	± 10.9 Bq/kg dry	98.3	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.5 Bq/kg dry	
Soil(in the park) under the slide	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	88.9 Bq/kg dry	± 9.4 Bq/kg dry	90.8	Cs137	0.9 Bq/kg dry	
			Cs134	1.9 Bq/kg dry	± 0.4 Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil(in the park) under the swing	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	50.8 Bq/kg dry	± 5.9 Bq/kg dry	50.8	Cs137	2.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry	
Soil (in the park)	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	21.2 Bq/kg dry	± 2.4 Bq/kg dry	21.2	Cs137	1.0 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil(in the park) Sandbox	Satogaokanichome daisan Park 2.Satogaoka, Iwaki	Mar-23	Cs137	14.7 Bq/kg dry	± 1.9 Bq/kg dry	14.7	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	1800.0 Bq/kg dry	± 182.0 Bq/kg dry	1843.1	Cs137	2.1 Bq/kg dry	
			Cs134	43.1 Bq/kg dry	± 4.8 Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil(in the park) drinking fountains	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	625.0 Bq/kg dry	± 63.8 Bq/kg dry	639.9	Cs137	1.6 Bq/kg dry	
			Cs134	14.9 Bq/kg dry	± 1.9 Bq/kg dry		Cs134	1.8 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	539.0 Bq/kg dry	± 54.9 Bq/kg dry	550.3	Cs137	1.5 Bq/kg dry	
			Cs134	11.3 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil(in the park) rest area	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	374.0 Bq/kg dry	± 38.3 Bq/kg dry	380.6	Cs137	1.4 Bq/kg dry	
			Cs134	6.6 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	1.8 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	306.0 Bq/kg dry	± 32.2 Bq/kg dry	312.5	Cs137	2.5 Bq/kg dry	
			Cs134	6.5 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	3.0 Bq/kg dry	
Soil(in the park) Beside toilet	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	158.0 Bq/kg dry	± 17.2 Bq/kg dry	163.0	Cs137	2.2 Bq/kg dry	
			Cs134	5.0 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	116.0 Bq/kg dry	± 12.4 Bq/kg dry	118.3	Cs137	1.1 Bq/kg dry	
			Cs134	2.3 Bq/kg dry	± 0.5 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	86.2 Bq/kg dry	± 9.6 Bq/kg dry	86.2	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry	
Soil(in the park) under the swing	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	63.3 Bq/kg dry	± 7.3 Bq/kg dry	63.3	Cs137	2.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil(in the park) under the basketball goal	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	52.7 Bq/kg dry	± 5.7 Bq/kg dry	52.7	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil(in the park) Sandbox	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	35.5 Bq/kg dry	± 3.9 Bq/kg dry	35.5	Cs137	0.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 Bq/kg dry	
Soil(in the park) under the jungle gym	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	28.1 Bq/kg dry	± 3.1 Bq/kg dry	28.1	Cs137	1.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil(in the park) under the swing	Satogaokasanichome daiichi Park 3.Satogaoka, Iwaki	Feb-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daini Park 3.Satogaoka, Iwaki	Feb-23	Cs137	2060.0 Bq/kg dry	± 209.0 Bq/kg dry	2103.7	Cs137	3.4 Bq/kg dry	
			Cs134	43.7 Bq/kg dry	± 5.2 Bq/kg dry		Cs134	3.3 Bq/kg dry	
Soil(in the park) under the tree	Satogaokasanichome daini Park 3.Satogaoka, Iwaki	Feb-23	Cs137	594.0 Bq/kg dry	± 60.8 Bq/kg dry	610.7	Cs137	1.4 Bq/kg dry	
			Cs134	16.7 Bq/kg dry	± 2.1 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil(in the park) under the bench	Satogaokasanichome daini Park 3.Satogaoka, Iwaki	Mar-23	Cs137	433.0 Bq/kg dry	± 45.4 Bq/kg dry	446.5	Cs137	2.6 Bq/kg dry	
			Cs134	13.5 Bq/kg dry	± 2.2 Bq/kg dry		Cs134	3.1 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daini Park 3.Satogaoka, Iwaki	Mar-23	Cs137	423.0 Bq/kg dry	± 43.3 Bq/kg dry	433.0	Cs137	1.0 Bq/kg dry	
			Cs134	10.0 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	Satogaokasanichome daini Park 3.Satogaoka, Iwaki	Mar-23	Cs137	413.0 Bq/kg dry	± 42.2 Bq/kg dry	423.9	Cs137	1.3 Bq/kg dry	
			Cs134	10.9 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	1.5 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)	Satogaokasanachome dai Park 3. Satogaoka, Iwaki	Mar-23	Cs137	398.0 Bq/kg dry	± 41.7 Bq/kg dry	408.1	Cs137	2.2 Bq/kg dry	
			Cs134	10.1 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil(in the park) under the swing	Satogaokasanachome dai Park 3. Satogaoka, Iwaki	Mar-23	Cs137	23.8 Bq/kg dry	± 2.9 Bq/kg dry	23.8	Cs137	1.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil (in the park)	Satogaokasanachome dai Park 3. Satogaoka, Iwaki	Mar-23	Cs137	11.3 Bq/kg dry	± 1.7 Bq/kg dry	11.3	Cs137	2.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.0 Bq/kg dry	
Soil(in the park) under the tree	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	1260.0 Bq/kg dry	± 127.0 Bq/kg dry	1286.8	Cs137	1.7 Bq/kg dry	
			Cs134	26.8 Bq/kg dry	± 3.1 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (in the park)	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	943.0 Bq/kg dry	± 95.7 Bq/kg dry	964.7	Cs137	1.5 Bq/kg dry	
			Cs134	21.7 Bq/kg dry	± 2.6 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (in the park)	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	526.0 Bq/kg dry	± 54.6 Bq/kg dry	538.8	Cs137	2.3 Bq/kg dry	
			Cs134	12.8 Bq/kg dry	± 1.9 Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil (in the park)	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	519.0 Bq/kg dry	± 53.0 Bq/kg dry	532.3	Cs137	1.5 Bq/kg dry	
			Cs134	13.3 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil(in the park) drinking fountains	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	307.0 Bq/kg dry	± 31.6 Bq/kg dry	313.6	Cs137	1.1 Bq/kg dry	
			Cs134	6.6 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	226.0 Bq/kg dry	± 23.5 Bq/kg dry	231.4	Cs137	1.3 Bq/kg dry	
			Cs134	5.4 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) Sandbox	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	63.9 Bq/kg dry	± 7.2 Bq/kg dry	63.9	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil(in the park) under the slide	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	55.9 Bq/kg dry	± 6.4 Bq/kg dry	55.9	Cs137	2.4 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	43.2 Bq/kg dry	± 5.0 Bq/kg dry	43.2	Cs137	2.0 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry	
Soil(in the park) under the horizontal bar	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	23.7 Bq/kg dry	± 2.7 Bq/kg dry	23.7	Cs137	1.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the swing	Tairaminamidainishi Park 4. Satogaoka, Iwaki	Feb-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.2 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	Namie, Futaba, Fukushima	Oct-22	CA	Cs137	2.22 Bq/kg raw	± 0.08 Bq/kg raw	2.22	Cs137	0.08 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.08 Bq/kg raw	
Rice	Tomioka, Futaba, Fukushima	Oct-22	OR	Cs137	1.8 Bq/kg raw	± 0.1 Bq/kg raw	1.8	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Rice	Naraha, Futaba, Fukushima	Oct-22	OR	Cs137	0.63 Bq/kg raw	± 0.04 Bq/kg raw	0.63	Cs137	0.06 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.08 Bq/kg raw	
Rice	Kawauchi, Futaba, Fukushima	Oct-22	OR	Cs137	0.15 Bq/kg raw	± 0.03 Bq/kg raw	0.15	Cs137	0.07 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.08 Bq/kg raw	
Rice	Miyakoji, Tamura, Fukushima	Oct-22	CA	Cs137	0.44 Bq/kg raw	± 0.02 Bq/kg raw	0.44	Cs137	0.04 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.04 Bq/kg raw	
Rice	Akita Pref.	Oct-22	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	0.04 Bq/kg raw	
Potato	Watanabe, Iwaki	Jun-22	OR	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	
Baked sweet potato	Chiba Pref.	Feb-23	OR	Cs137	0.6 Bq/kg raw	± 0.1 Bq/kg raw	0.6	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw	
Butterbur sprout(wild)	Futaba, Futaba, Fukushima	Mar-23	OR	Cs137	727.1 Bq/kg raw	± 12.5 Bq/kg raw	745.5	Cs137	4.5 Bq/kg raw	
				Cs134	18.4 Bq/kg raw	± 1.8 Bq/kg raw		Cs134	3.8 Bq/kg raw	
Butterbur sprout(wild)	Tomioka, Futaba, Fukushima	Mar-23	CA	Cs137	84.7 Bq/kg raw	± 3.3 Bq/kg raw	84.7	Cs137	2.6 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.1 Bq/kg raw	
Butterbur sprout(wild)	Naraha, Futaba, Fukushima	Mar-23	OR	Cs137	42.3 Bq/kg raw	± 3.3 Bq/kg raw	42.3	Cs137	3.3 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	4.1 Bq/kg raw	
Dried persimmon	Motomiya, Fukushima	Feb-23	CA	Cs137	6.3 Bq/kg raw	± 0.3 Bq/kg raw	6.3	Cs137	0.6 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.5 Bq/kg raw	
Dried persimmon	Ryouzen, Date, Fukushima	Mar-23	CA	Cs137	1.7 Bq/kg raw	± 0.09 Bq/kg raw	1.7	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw	
Dried persimmon	Hanawa, Higashi-shirakawa, Fukushima	Mar-23	CA	Cs137	0.6 Bq/kg raw	± 0.2 Bq/kg raw	0.6	Cs137	0.5 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.5 Bq/kg raw	
Roasted soybean flour	Samegawa, Higashishirakawa, Fukushima	Feb-23	OR	Cs137	1.7 Bq/kg raw	± 0.2 Bq/kg raw	1.7	Cs137	0.4 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 Bq/kg raw	
Perilla	Namie, Futaba, Fukushima	Feb-23	OR	Cs137	18.1 Bq/kg raw	± 0.7 Bq/kg raw	18.1	Cs137	0.9 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.1 Bq/kg raw	
Perilla	Kashima, Minamisoma, Fukushima	Mar-23	CA	Cs137	4.0 Bq/kg raw	± 0.4 Bq/kg raw	4.0	Cs137	0.9 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.8 Bq/kg raw	
Honey	Odaka, Minamisoma, Fukushima	Nov-22	OR	Cs137	4.3 Bq/kg raw	± 0.3 Bq/kg raw	4.3	Cs137	0.4 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.5 Bq/kg raw	
Chicken(fillet)	Ryouzen, Date, Fukushima	Mar-23	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	

※"_"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	
Sea bass(flesh)	Off the coast of Fukushima	Mar-23	OR	Cs137	0.7 Bq/kg raw	± 0.2 Bq/kg raw	0.7	Cs137	0.5 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.4 Bq/kg raw	
Fox jacopever (whole)	Tomioka Port/Fukushima Pref.	Mar-23	CA	Cs137	0.4 Bq/kg raw	± 0.07 Bq/kg raw	0.4	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.1 Bq/kg raw	
White rockfish (flesh)	Tomioka Port/Fukushima Pref.	Mar-23	CA	Cs137	0.5 Bq/kg raw	± 0.1 Bq/kg raw	0.5	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw	
Goldeye rockfish	Tomioka Port/Fukushima Pref.	Mar-23	CA	Cs137	0.4 Bq/kg raw	± 0.1 Bq/kg raw	0.4	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw	
Black seabastes (flesh)	Tomioka Port/Fukushima Pref.	Mar-23	OR	Cs137	0.3 Bq/kg raw	± 0.08 Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw	
Sea bass(flesh)	Tomioka Port/Fukushima Pref.	Mar-23	OR	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			0.2 Bq/kg raw	
Squid	Hisanohama Port/Iwaki City	Mar-23	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			0.1 Bq/kg raw	
Nameko mushroom	Kawauchi, Futaba, Fukushima	Feb-23	OR	Cs137	0.2 Bq/kg raw	± 0.04 Bq/kg raw	0.2	Cs137	0.08 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.09 Bq/kg raw	
Milk	Aizu, Fukushima	Mar-23	CA	Cs137	0.42 Bq/kg raw	± 0.01 Bq/kg raw	0.42	Cs137	0.03 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.03 Bq/kg raw	
Milk	Tohoku product	Mar-23	OR	Cs137	0.39 Bq/kg raw	± 0.02 Bq/kg raw	0.39	Cs137	0.04 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.04 Bq/kg raw	
Milk	Koriyama, Fukushima	Mar-23	CA	Cs137	0.11 Bq/kg raw	± 0.01 Bq/kg raw	0.11	Cs137	0.04 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.03 Bq/kg raw	
Milk	Iwate	Mar-23	OR	Cs137	0.12 Bq/kg raw	± 0.02 Bq/kg raw	0.12	Cs137	0.04 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.04 Bq/kg raw	
Milk	Ibaraki	Mar-23	OR	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			0.04 Bq/kg raw	
Dashi soup	Kyoto	Feb-23	OR	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.02 Bq/L	
				Cs134	— Bq/L	± — Bq/L			0.02 Bq/L	
Soil(in the park)	Satogaokasanhome daini Park, Satogaoka, Iwaki	Mar-23	CA	Cs137	507.7 Bq/kg dry	± 5.1 Bq/kg dry	520.9	Cs137	1.7 Bq/kg dry	
				Cs134	13.2 Bq/kg dry	± 0.8 Bq/kg dry			1.6 Bq/kg dry	
Soil(in the park)	Satogaokasanhome daini Park, Satogaoka, Iwaki	Mar-23	CA	Cs137	180.0 Bq/kg dry	± 3.4 Bq/kg dry	183.9	Cs137	1.8 Bq/kg dry	
				Cs134	3.9 Bq/kg dry	± 0.7 Bq/kg dry			1.8 Bq/kg dry	
Soil(in the park) drinking fountains	Satogaokanichome daiichi Park, Satogaoka, Iwaki	Feb-23	OR	Cs137	150.9 Bq/kg dry	± 3.5 Bq/kg dry	155.5	Cs137	1.8 Bq/kg dry	
				Cs134	4.6 Bq/kg dry	± 0.9 Bq/kg dry			1.6 Bq/kg dry	
Soil(in the park) under the tree	Shirado Park Taira-aiya, Iwaki	Jan-23	CA	Cs137	186.6 Bq/kg dry	± 4.5 Bq/kg dry	191.6	Cs137	2.6 Bq/kg dry	
				Cs134	5.0 Bq/kg dry	± 0.9 Bq/kg dry			2.2 Bq/kg dry	
Soil	Onahamaohara, Iwaki	Mar-23	OR	Cs137	9.8 Bq/kg dry	± 1.1 Bq/kg dry	9.8	Cs137	1.5 Bq/kg dry	
				Cs134	— Bq/kg dry	± — Bq/kg dry			1.6 Bq/kg dry	
Soil	Onahamaohara, Iwaki	Mar-23	OR	Cs137	5.6 Bq/kg dry	± 0.7 Bq/kg dry	5.6	Cs137	1.1 Bq/kg dry	
				Cs134	— Bq/kg dry	± — Bq/kg dry			1.3 Bq/kg dry	
Soil	Onahamaohara, Iwaki	Mar-23	CA	Cs137	5.0 Bq/kg dry	± 0.6 Bq/kg dry	5.0	Cs137	1.0 Bq/kg dry	
				Cs134	— Bq/kg dry	± — Bq/kg dry			1.0 Bq/kg dry	
Field soil	Watanabe, Iwaki	Mar-23	OR	Cs137	56.4 Bq/kg dry	± 0.7 Bq/kg dry	58.1	Cs137	0.6 Bq/kg dry	
				Cs134	1.7 Bq/kg dry	± 0.3 Bq/kg dry			0.5 Bq/kg dry	
Field soil	Uchigo, Iwaki	Mar-23	OR	Cs137	127.4 Bq/kg dry	± 2.4 Bq/kg dry	130.8	Cs137	1.3 Bq/kg dry	
				Cs134	3.4 Bq/kg dry	± 0.7 Bq/kg dry			1.4 Bq/kg dry	
Field soil	Uchigo, Iwaki	Dec-22	CA	Cs137	39.0 Bq/kg dry	± 0.3 Bq/kg dry	40.0	Cs137	0.2 Bq/kg dry	
				Cs134	1.0 Bq/kg dry	± 0.1 Bq/kg dry			0.2 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.



Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection	
Ash	Iwate	Mar-23	OR	Cs137	144.5 Bq/kg raw	± 1.0 Bq/kg raw	147.1	Cs137	0.7 Bq/kg raw
				Cs134	2.6 Bq/kg raw	± 0.4 Bq/kg raw		Cs134	0.7 Bq/kg raw
Ash	Iwate	Mar-23	CA	Cs137	12.8 Bq/kg raw	± 0.5 Bq/kg raw	12.8	Cs137	0.8 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.7 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.



★Beta-ray

Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex HIDEX 300SL	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 3H Half-life 12.3 years Free-water 3H 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	
				Bq/kg dry		Bq/kg dry		Bq/kg dry
Flounder (head/bone)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	Sr90	Under Minimum Limit of Detection	± —	Bq/kg dry	0.10	Bq/kg dry
Greenling (whole)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	Sr90	Under Minimum Limit of Detection	± —	Bq/kg dry	0.11	Bq/kg dry
Sea water (surface)	Futaba Marinehouse/ Fukushima Pref.	Dec-22	Sr90	0.0012 Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water (surface)	Kumagawa Estuary/Fukushima Pref.	Dec-22	Sr90	0.0004 Bq/L	± 0.0002	Bq/L	0.0003	Bq/L
Sea water (surface)	Iwasawa Beach/Fukushima Pref.	Dec-22	Sr90	0.001 Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water (surface)	OnahamaPort/ Fukushima Pref.	Dec-22	Sr90	Under Minimum Limit of Detection	± —	Bq/L	0.0004	Bq/L
Lake bottom soil 5-10cm	Kasumigaura, Ibaraki	Oct-22	Sr90	Under Minimum Limit of Detection	± —	Bq/kg dry	1.49	Bq/kg dry
Lake bottom soil 10-15cm	Kasumigaura, Ibaraki	Oct-22	Sr90	Under Minimum Limit of Detection	± —	Bq/kg dry	1.54	Bq/kg dry
Pine leaf	Okuma, Futaba, Fukushima	Oct-22	Sr90	12.13 Bq/kg dry	± 0.25	Bq/kg dry	0.25	Bq/kg dry
Cypress leaf	Hirono, Futaba, Fukushima	Aug-21	Sr90	4.99 Bq/kg dry	± 0.16	Bq/kg dry	0.19	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.

Measurement results of 16 items by germanium semiconductor detector

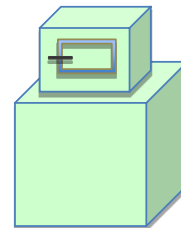
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

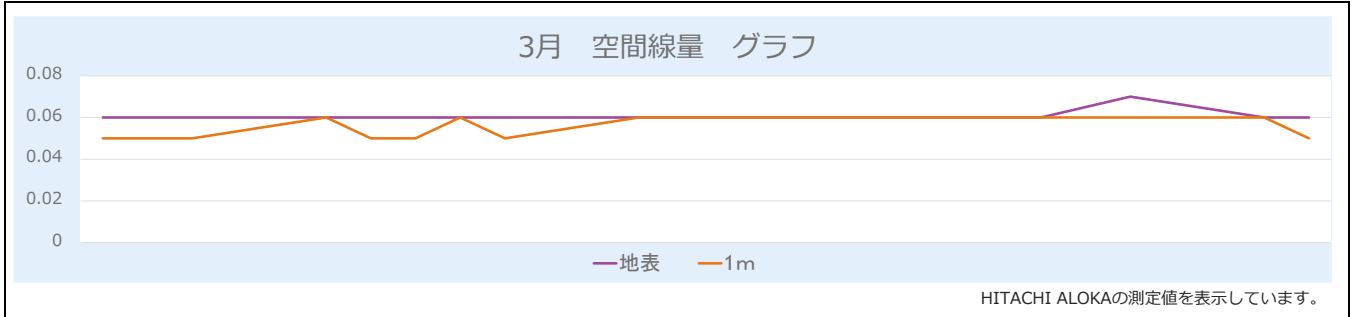
























(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Sweet potato	Yabuki, Nishishirakawa, Fukushima	Jan-23	OR	Cs137	1.3 Bq/kg raw	± 0.1 Bq/kg raw	1.3	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Jerusalem artichoke	Motomiya, Fukushima	Jan-23	CA	Cs137	0.15 Bq/kg raw	± 0.04 Bq/kg raw	0.15	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Red radish	Otama, Adachi, Fukushima	Jan-23	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.02 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Spinach	Motomiya, Fukushima	Jan-23	OR	Cs137	0.08 Bq/kg raw	± 0.03 Bq/kg raw	0.08	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Yam	Motomiya, Fukushima	Jan-23	OR	Cs137	0.07 Bq/kg raw	± 0.03 Bq/kg raw	0.07	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Onion	Nihonmatsu, Fukushima	Jan-23	OR	Cs137	0.6 Bq/kg raw	± 0.1 Bq/kg raw	0.6	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Yacon	Otama, Adachi, Fukushima	Jan-23	OR	Cs137	0.24 Bq/kg raw	± 0.04 Bq/kg raw	0.24	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Burdock	Otama, Adachi, Fukushima	Jan-23	OR	Cs137	0.08 Bq/kg raw	± 0.03 Bq/kg raw	0.08	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Spaghetti squash	Otama, Adachi, Fukushima	Jan-23	CA	Cs137	0.32 Bq/kg raw	± 0.02 Bq/kg raw	0.32	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Shitake mushroom grown in bacteria-bed	Otama, Adachi, Fukushima	Jan-23	CA	Cs137	2.8 Bq/kg raw	± 0.05 Bq/kg raw	2.84	Cs137	Bq/kg raw	
				Cs134	0.04 Bq/kg raw	± 0.02 Bq/kg raw		Cs134	Bq/kg raw	
Hericium coralloides (wild)	Hinoemata, Minamiaizu, Fukushima	Oct-22	CA	Cs137	14 Bq/kg raw	± 0.1 Bq/kg raw	14	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Apple	Katsurao, Futaba, Fukushima	Jan-23	OR	Cs137	0.1 Bq/kg raw	± 0.02 Bq/kg raw	0.1	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Soybeans	Nihonmatsu, Fukushima	Jan-23	OR	Cs137	6.9 Bq/kg raw	± 0.4 Bq/kg raw	6.9	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	

2023年3月 空間線量

測定器		測定場所
CsIシンチレーション式 サーベイメーター	NaIシンチレーション式 サーベイメーター	福島県いわき市小名浜 横町公園
◎HITACHI ALOKA TCS-1172	◎HORIBA Radi PA-1100	
		
特徴:空間(場所)の放射線量や人・物の表面汚染を調べる。		



測定日	測定器	HITACHI ALOKA	HORIBA Radi	HITACHI ALOKA	HORIBA Radi
測定日	天気	地表付近($\mu\text{Sv/h}$)		地表 1m($\mu\text{Sv/h}$)	
2023/3/1		0.06	0.061	0.05	0.063
2023/3/2		0.06	0.066	0.05	0.057
2023/3/3		0.06	0.074	0.05	0.065
測定日	天気	地表付近($\mu\text{Sv/h}$)		地表 1m($\mu\text{Sv/h}$)	
2023/3/6		0.06	0.061	0.06	0.054
2023/3/7		0.06	0.06	0.05	0.057
2023/3/8		0.06	0.061	0.05	0.058
2023/3/9		0.06	0.058	0.06	0.07
2023/3/10		0.06	0.058	0.05	0.05
測定日	天気	地表付近($\mu\text{Sv/h}$)		地表 1m($\mu\text{Sv/h}$)	
2023/3/13		0.06	0.057	0.06	0.053
2023/3/14		0.06	0.077	0.06	0.057
2023/3/15		0.06	0.063	0.06	0.06
2023/3/16		0.06	0.073	0.06	0.059
2023/3/17		0.06	0.058	0.06	0.049
測定日	天気	地表付近($\mu\text{Sv/h}$)		地表 1m($\mu\text{Sv/h}$)	
2023/3/20		0.06	0.072	0.06	0.067
2023/3/22		0.06	0.059	0.06	0.049
2023/3/23		0.06	0.064	0.06	0.06
2023/3/24		0.07	0.064	0.06	0.054
測定日	天気	地表付近($\mu\text{Sv/h}$)		地表 1m($\mu\text{Sv/h}$)	
2023/3/27		0.06	0.07	0.06	0.054
2023/3/28		0.06	0.07	0.05	0.061
2023/3/29		0.06	0.06	0.05	0.056
2023/3/30		0.06	0.057	0.06	0.056
2023/3/31		0.07	0.07	0.06	0.063