



Radiation Measurement Results of 235 Items in December







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
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: 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	Iitate, Soma, Fukushima	Nov-21	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
Taro	Miyagi Pref.	Nov-21	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 2.1 Bq/kg raw
Taro	Kakuda, Miyagi	Dec-21	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
Sweet potato	Iitate, Soma, Fukushima	Nov-21	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 1.9 Bq/kg raw
Sweet potato	Furudono, Ishikawa, Fukushima	Nov-21	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 1.3 Bq/kg raw
Sweet potato	Yabuki, Nishishirakawa, Fukushima	Dec-21	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
Sweet potato	Yamamoto, Watari, Miyagi	Dec-21	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 2.1 Bq/kg raw
Chinese yam	Kakuda, Miyagi	Dec-21	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 2.4 Bq/kg raw
Carrot	Kakuda, Miyagi	Dec-21	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
Pumpkin	Yabuki, Nishishirakawa, Fukushima	Dec-21	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
Pumpkin	Kakuda, Miyagi	Dec-21	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
Japanese white radish	Kakuda, Miyagi	Dec-21	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 2.1 Bq/kg raw
Shogoin radish	Kakuda, Miyagi	Dec-21	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 1.7 Bq/kg raw
Japanese white radish	Miyagi Pref.	Nov-21	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

※"—" 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		
Japanese red radish	Fukushima Pref.	Nov-21	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	2.2	Bq/kg raw
Japanese red radish	Kakuda, Miyagi	Dec-21	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
Japanese white radish(leaves)	Tairahirakubo, Iwaki	Dec-21	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
Cucumber	Kakuda, Miyagi	Dec-21	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	1.7	Bq/kg raw
Green pepper	Kakuda, Miyagi	Dec-21	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	2.5	Bq/kg raw
Cabbage	Iitate, Soma, Fukushima	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.8	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.6	Bq/kg raw
Cabbage	Kakuda, Miyagi	Dec-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.6	Bq/kg raw
Chinese cabbage	Fukushima Pref.	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.5	Bq/kg raw
Broccoli	Minamisoma, Fukushima	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.5	Bq/kg raw
Spinach	Fukushima Pref.	Nov-21	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	3.0	Bq/kg raw
Spinach	Kakuda, Miyagi	Dec-21	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	1.3	Bq/kg raw
Spinach	Ibaraki Pref.	Dec-21	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	4.2	Bq/kg raw
Spinach	Gunma Pref.	Dec-21	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	Kakuda, Miyagi	Dec-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.1	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.3	Bq/kg raw
Garland chrysanthemum	Fukushima Pref.	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.1	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.9	Bq/kg raw
Japanese parsley	Fukushima Pref.	Dec-21	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
Mirliton	Naraha, Futaba, Fukushima	Nov-21	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
Burdock	Shinchi, Soma, Fukushima	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.8	Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.3	Bq/kg raw
Burdock	Kakuda, Miyagi	Dec-21	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
Yacon	Kakuda, Miyagi	Dec-21	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
Salted Ume	Yabuki, Nishishirakawa, Fukushima	Dec-21	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
Azuki bean	Yabuki, Nishishirakawa, Fukushima	Dec-21	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
Yam bulblet	Date, Fukushima	Dec-21	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	1.3	Bq/kg raw
Yam bulblet	Kunimi, Date, Fukushima	Dec-21	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

※"_" 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	
Apple(pulp)	Tairahirakubo, Iwaki	Nov-21	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	1.7 Bq/kg raw	
Apple(pulp)	Kagamiishi, Iwase, Fukushima	Dec-21	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	
Apple (peel, core)	Kagamiishi, Iwase, Fukushima	Dec-21	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	
Apple(pulp)	Marumori, Igu, Miyagi	Dec-21	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	
Pear	Yamagata Pref.	Oct-21	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	
Persimmon	Namie, Futaba, Fukushima	Nov-21	Cs137	5.2 Bq/kg raw	± 2.1 Bq/kg raw	5.2	Cs137	1.8 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.8 Bq/kg raw	
Persimmon	Onami, Fukushima, Fukushima Pref.	Nov-21	Cs137	6.5 Bq/kg raw	± 1.8 Bq/kg raw	6.5	Cs137	1.5 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.2 Bq/kg raw	
Persimmon	Kori, Date, Fukushima.	Dec-21	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	
Persimmon	Marumori, Igu, Miyagi	Dec-21	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	
Dried persimmon	Date, Fukushima	Dec-21	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	1.0 Bq/kg raw	
Yuzu	Namie, Futaba, Fukushima	Nov-21	Cs137	51.7 Bq/kg raw	± 10.3 Bq/kg raw	51.7	Cs137	2.9 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.8 Bq/kg raw	
Yuzu	Nakanosaku, Iwaki	Nov-21	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	
Yuzu	Nakanosaku, Iwaki	Nov-21	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	1.5 Bq/kg raw	
Yuzu	Kakuda, Miyagi	Dec-21	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	
Chinese citron	Kashima, Iwaki	Nov-21	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	
Kiwi fruit	Tairahirakubo, Iwaki	Dec-21	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	1.3 Bq/kg raw	
Kiwi fruit	Yabuki, Nishishirakawa, Fukushima	Dec-21	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	1.6 Bq/kg raw	
Kiwi fruit	Kakuda, Miyagi	Dec-21	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	
Boar(heart)	Onahamashimokajiro, Iwaki	Dec-21	Cs137	134.0 Bq/kg raw	± 27.0 Bq/kg raw	134.0	Cs137	4.0 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.3 Bq/kg raw	
Boar(liver)	Onahamashimokajiro, Iwaki	Dec-21	Cs137	100.0 Bq/kg raw	± 20.0 Bq/kg raw	100.0	Cs137	3.0 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.8 Bq/kg raw	
Shiitake mushroom	Iwaki City	Dec-21	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	
Shitake mushroom grown in bacteria-bed	Shirakawa, Fukushima	Dec-21	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	3.0 Bq/kg raw	
Shitake mushroom grown in bacteria-bed	Yabuki, Nishishirakawa, Fukushima	Dec-21	Cs137	4.9 Bq/kg raw	± 2.3 Bq/kg raw	4.9	Cs137	3.4 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.2 Bq/kg raw	
Nameko mushroom	Kakuda, Miyagi	Dec-21	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	3.1 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			
Nameko mushroom	Tanagura, Higashishirakawa, Fukushima	Dec-21	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.3	Bq/kg raw
Oyster mushroom	Kakuda, Miyagi	Dec-21	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.1	Bq/kg raw
Wood ear mushroom(dried)	Kori, Date, Fukushima.	Dec-21	Cs137	18.9	Bq/kg raw	±	5.3	18.9	Cs137	5.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	4.4	Bq/kg raw
Egg	Matsukawa, Fukushima, Fukushima Pref.	Dec-21	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.0	Bq/kg raw
Green tea (leaves)	Kyoto Pref.	Jun-21	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	4.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	3.3	Bq/kg raw
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	777.0	Bq/kg dry	±	79.1	810.1	Cs137	1.5	Bq/kg dry
			Cs134	33.1	Bq/kg dry	±	3.6		Cs134	1.6	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	439.0	Bq/kg dry	±	45.7	454.6	Cs137	2.5	Bq/kg dry
			Cs134	15.6	Bq/kg dry	±	2.3		Cs134	3.0	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	256.0	Bq/kg dry	±	27.1	264.9	Cs137	2.2	Bq/kg dry
			Cs134	8.9	Bq/kg dry	±	1.5		Cs134	2.7	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	226.0	Bq/kg dry	±	23.4	233.5	Cs137	1.2	Bq/kg dry
			Cs134	7.5	Bq/kg dry	±	1.1		Cs134	1.5	Bq/kg dry
Soil(in the park) under the slide	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	226.0	Bq/kg dry	±	23.9	232.9	Cs137	1.7	Bq/kg dry
			Cs134	6.9	Bq/kg dry	±	1.2		Cs134	2.1	Bq/kg dry
Soil(in the park) under the slide	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	66.6	Bq/kg dry	±	7.4	66.6	Cs137	1.7	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.1	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	39.2	Bq/kg dry	±	4.3	39.2	Cs137	1.1	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	1.4	Bq/kg dry
Soil(in the park) under the seesaw	Higashi Park 2, Higashi, Sanuka, Iwaki	Nov-21	Cs137	19.6	Bq/kg dry	±	2.7	19.6	Cs137	1.8	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.2	Bq/kg dry
Soil(in the park) under the maze	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	630.0	Bq/kg dry	±	64.2	650.9	Cs137	1.5	Bq/kg dry
			Cs134	20.9	Bq/kg dry	±	2.5		Cs134	1.7	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	570.0	Bq/kg dry	±	58.0	586.3	Cs137	1.5	Bq/kg dry
			Cs134	16.3	Bq/kg dry	±	2.1		Cs134	1.6	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	452.0	Bq/kg dry	±	47.5	473.3	Cs137	2.8	Bq/kg dry
			Cs134	21.3	Bq/kg dry	±	2.8		Cs134	3.6	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	360.0	Bq/kg dry	±	37.7	373.8	Cs137	2.4	Bq/kg dry
			Cs134	13.8	Bq/kg dry	±	2.0		Cs134	2.8	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	267.0	Bq/kg dry	±	27.4	275.9	Cs137	1.2	Bq/kg dry
			Cs134	8.9	Bq/kg dry	±	1.2		Cs134	1.5	Bq/kg dry
Soil(in the park) under the monkey bars	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	101.0	Bq/kg dry	±	10.8	104.4	Cs137	1.0	Bq/kg dry
			Cs134	3.4	Bq/kg dry	±	0.6		Cs134	1.3	Bq/kg dry
Soil (in the park)	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	80.0	Bq/kg dry	±	8.9	80.0	Cs137	2.7	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.5	Bq/kg dry
Soil(in the park) under the slide	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	69.5	Bq/kg dry	±	7.4	71.4	Cs137	0.9	Bq/kg dry
			Cs134	1.9	Bq/kg dry	±	0.4		Cs134	1.2	Bq/kg dry
Soil(in the park) under the seesaw	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	33.1	Bq/kg dry	±	3.9	33.1	Cs137	1.6	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	2.0	Bq/kg dry
Soil(in the park) Sandbox	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	9.9	Bq/kg dry	±	1.6	9.9	Cs137	1.6	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	1.9	Bq/kg dry
Soil(in the park) under the swing	Higashi Park 2, Higashi, Sanuka, Iwaki	Dec-21	Cs137	4.0	Bq/kg dry	±	0.6	4.0	Cs137	0.9	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—		Cs134	1.2	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

(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)	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	400.0	Bq/kg dry	± 41.5	411.7	Cs137	2.0	Bq/kg dry
			Cs134	11.7	Bq/kg dry	± 1.8		Cs134	2.3	Bq/kg dry
Soil(in the park) under the Horizontal bar	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	382.0	Bq/kg dry	± 39.1	395.9	Cs137	1.1	Bq/kg dry
			Cs134	13.9	Bq/kg dry	± 1.7		Cs134	1.3	Bq/kg dry
Soil (in the park)	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	357.0	Bq/kg dry	± 37.1	370.5	Cs137	2.4	Bq/kg dry
			Cs134	13.5	Bq/kg dry	± 2.1		Cs134	2.7	Bq/kg dry
Soil(in the park) under the rest area	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	339.0	Bq/kg dry	± 34.8	351.9	Cs137	1.2	Bq/kg dry
			Cs134	12.9	Bq/kg dry	± 1.6		Cs134	1.4	Bq/kg dry
Soil(in the park) under the slide	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	228.0	Bq/kg dry	± 24.2	235.7	Cs137	1.8	Bq/kg dry
			Cs134	7.7	Bq/kg dry	± 1.3		Cs134	2.3	Bq/kg dry
Soil (in the park)	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	217.0	Bq/kg dry	± 22.5	225.7	Cs137	1.2	Bq/kg dry
			Cs134	8.7	Bq/kg dry	± 1.2		Cs134	1.5	Bq/kg dry
Soil(in the park) under the rest area	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	186.0	Bq/kg dry	± 19.7	193.3	Cs137	1.7	Bq/kg dry
			Cs134	7.3	Bq/kg dry	± 1.2		Cs134	2.0	Bq/kg dry
Soil (in the park)	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	183.0	Bq/kg dry	± 19.0	188.5	Cs137	1.0	Bq/kg dry
			Cs134	5.5	Bq/kg dry	± 0.8		Cs134	1.2	Bq/kg dry
Soil (in the park)	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	88.0	Bq/kg dry	± 9.6	88.0	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.0	Bq/kg dry
Soil(in the park) under the swing	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	56.6	Bq/kg dry	± 6.1	59.3	Cs137	0.8	Bq/kg dry
			Cs134	2.7	Bq/kg dry	± 0.5		Cs134	1.0	Bq/kg dry
Soil(in the park) under the large playset	Kaneyama Park Higashidai, Kaneyama, Iwaki	Dec-21	Cs137	35.0	Bq/kg dry	± 3.8	36.2	Cs137	0.8	Bq/kg dry
			Cs134	1.2	Bq/kg dry	± 0.3		Cs134	0.9	Bq/kg dry
Soil (in the park)	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	459.0	Bq/kg dry	± 47.2	476.0	Cs137	1.7	Bq/kg dry
			Cs134	17.0	Bq/kg dry	± 2.2		Cs134	2.0	Bq/kg dry
Soil (in the park)	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	393.0	Bq/kg dry	± 40.4	408.7	Cs137	1.5	Bq/kg dry
			Cs134	15.7	Bq/kg dry	± 2.0		Cs134	1.7	Bq/kg dry
Soil (in the park)	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	250.0	Bq/kg dry	± 26.7	259.7	Cs137	2.4	Bq/kg dry
			Cs134	9.7	Bq/kg dry	± 1.6		Cs134	2.8	Bq/kg dry
Soil (in the park)	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	234.0	Bq/kg dry	± 24.8	242.1	Cs137	2.1	Bq/kg dry
			Cs134	8.1	Bq/kg dry	± 1.4		Cs134	2.6	Bq/kg dry
Soil(in the park) under the Horizontal bar	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	223.0	Bq/kg dry	± 23.2	230.9	Cs137	1.5	Bq/kg dry
			Cs134	7.9	Bq/kg dry	± 1.2		Cs134	1.9	Bq/kg dry
Soil(in the park) under the swing	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	204.0	Bq/kg dry	± 21.6	211.4	Cs137	1.7	Bq/kg dry
			Cs134	7.4	Bq/kg dry	± 1.2		Cs134	2.1	Bq/kg dry
Soil (in the park)	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	142.0	Bq/kg dry	± 15.5	145.1	Cs137	2.4	Bq/kg dry
			Cs134	3.1	Bq/kg dry	± 1.0		Cs134	3.1	Bq/kg dry
Soil(in the park) under the slide	Waseda Park Kurosuno, Izumi, Iwaki	Dec-21	Cs137	110.0	Bq/kg dry	± 12.0	114.3	Cs137	1.4	Bq/kg dry
			Cs134	4.3	Bq/kg dry	± 0.8		Cs134	1.9	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	558.0	Bq/kg dry	± 56.8	577.4	Cs137	1.5	Bq/kg dry
			Cs134	19.4	Bq/kg dry	± 2.3		Cs134	1.6	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	472.0	Bq/kg dry	± 49.2	487.4	Cs137	2.5	Bq/kg dry
			Cs134	15.4	Bq/kg dry	± 2.3		Cs134	2.9	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	446.0	Bq/kg dry	± 46.9	466.4	Cs137	2.5	Bq/kg dry
			Cs134	20.4	Bq/kg dry	± 2.6		Cs134	2.9	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	261.0	Bq/kg dry	± 26.9	270.5	Cs137	1.4	Bq/kg dry
			Cs134	9.5	Bq/kg dry	± 1.4		Cs134	1.7	Bq/kg dry
Soil(in the park) under the Horizontal bar	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	176.0	Bq/kg dry	± 18.4	182.1	Cs137	1.1	Bq/kg dry
			Cs134	6.1	Bq/kg dry	± 0.9		Cs134	1.4	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)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	146.0	Bq/kg dry	± 15.3	Bq/kg dry	152.6	Cs137	1.2	Bq/kg dry
			Cs134	6.6	Bq/kg dry	± 1.0	Bq/kg dry		Cs134	1.6	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	116.0	Bq/kg dry	± 12.7	Bq/kg dry	121.8	Cs137	2.3	Bq/kg dry
			Cs134	5.8	Bq/kg dry	± 1.2	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil (in the park)	Nakaoka Daini Park 3, Nakaoka, Iwaki	Nov-21	Cs137	18.1	Bq/kg dry	± 2.3	Bq/kg dry	18.1	Cs137	2.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	685.0	Bq/kg dry	± 71.0	Bq/kg dry	710.8	Cs137	2.8	Bq/kg dry
			Cs134	25.8	Bq/kg dry	± 3.3	Bq/kg dry		Cs134	3.3	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	296.0	Bq/kg dry	± 30.6	Bq/kg dry	306.1	Cs137	1.3	Bq/kg dry
			Cs134	10.1	Bq/kg dry	± 1.4	Bq/kg dry		Cs134	1.6	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	235.0	Bq/kg dry	± 24.9	Bq/kg dry	244.3	Cs137	1.9	Bq/kg dry
			Cs134	9.3	Bq/kg dry	± 1.5	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	232.0	Bq/kg dry	± 24.5	Bq/kg dry	239.6	Cs137	2.1	Bq/kg dry
			Cs134	7.6	Bq/kg dry	± 1.4	Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil(in the park) under the Horizontal bar	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	189.0	Bq/kg dry	± 19.7	Bq/kg dry	196.5	Cs137	1.3	Bq/kg dry
			Cs134	7.5	Bq/kg dry	± 1.1	Bq/kg dry		Cs134	1.6	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	174.0	Bq/kg dry	± 18.2	Bq/kg dry	181.3	Cs137	1.1	Bq/kg dry
			Cs134	7.3	Bq/kg dry	± 1.2	Bq/kg dry		Cs134	1.4	Bq/kg dry
Soil (in the park)	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	162.0	Bq/kg dry	± 16.8	Bq/kg dry	167.8	Cs137	1.0	Bq/kg dry
			Cs134	5.8	Bq/kg dry	± 0.9	Bq/kg dry		Cs134	1.3	Bq/kg dry
Soil(in the park) under the jungle gym	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	131.0	Bq/kg dry	± 14.4	Bq/kg dry	131.0	Cs137	3.1	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.9	Bq/kg dry
Soil(in the park) under the swing	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	100.0	Bq/kg dry	± 10.7	Bq/kg dry	104.5	Cs137	1.1	Bq/kg dry
			Cs134	4.5	Bq/kg dry	± 0.8	Bq/kg dry		Cs134	1.4	Bq/kg dry
Soil(in the park) under the slide	Nakamukae 2chome Park 2, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	14.9	Bq/kg dry	± 2.1	Bq/kg dry	14.9	Cs137	2.3	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil (in the park)	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	571.0	Bq/kg dry	± 59.6	Bq/kg dry	596.3	Cs137	2.6	Bq/kg dry
			Cs134	25.3	Bq/kg dry	± 3.1	Bq/kg dry		Cs134	3.1	Bq/kg dry
Soil (in the park)	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	297.0	Bq/kg dry	± 30.6	Bq/kg dry	307.2	Cs137	1.3	Bq/kg dry
			Cs134	10.2	Bq/kg dry	± 1.4	Bq/kg dry		Cs134	1.5	Bq/kg dry
Soil(in the park) under the jungle gym	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	219.0	Bq/kg dry	± 22.8	Bq/kg dry	226.6	Cs137	1.3	Bq/kg dry
			Cs134	7.6	Bq/kg dry	± 1.1	Bq/kg dry		Cs134	1.7	Bq/kg dry
Soil(in the park) under the Horizontal bar	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	198.0	Bq/kg dry	± 20.7	Bq/kg dry	205.1	Cs137	1.3	Bq/kg dry
			Cs134	7.1	Bq/kg dry	± 1.1	Bq/kg dry		Cs134	1.6	Bq/kg dry
Soil (in the park)	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	109.0	Bq/kg dry	± 11.5	Bq/kg dry	113.9	Cs137	1.5	Bq/kg dry
			Cs134	4.9	Bq/kg dry	± 0.8	Bq/kg dry		Cs134	1.4	Bq/kg dry
Soil(in the park) under the swing	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	103.0	Bq/kg dry	± 10.9	Bq/kg dry	106.8	Cs137	1.1	Bq/kg dry
			Cs134	3.8	Bq/kg dry	± 0.7	Bq/kg dry		Cs134	1.4	Bq/kg dry
Soil (in the park)	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	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	2.3	Bq/kg dry
Soil (in the park)	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	—	Bq/kg dry	± —	Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.1	Bq/kg dry
Soil(in the park) under the slide	Nakamukae 4chome Park 4, Nakamukae, Nishiki, Iwaki	Nov-21	Cs137	—	Bq/kg dry	± —	Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.0	Bq/kg dry
Soil (in the park)	Nishikichuo 3chome Park 3, Chuo, Nishiki, Iwaki	Nov-21	Cs137	1080.0	Bq/kg dry	± 110.0	Bq/kg dry	1114.1	Cs137	2.6	Bq/kg dry
			Cs134	34.1	Bq/kg dry	± 4.1	Bq/kg dry		Cs134	3.0	Bq/kg dry
Soil (in the park)	Nishikichuo 3chome Park 3, Chuo, Nishiki, Iwaki	Nov-21	Cs137	626.0	Bq/kg dry	± 64.1	Bq/kg dry	649.2	Cs137	1.5	Bq/kg dry
			Cs134	23.2	Bq/kg dry	± 2.7	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.

★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 slide	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	243.0 Bq/kg dry	± 25.6 Bq/kg dry	252.1	Cs137	1.9 Bq/kg dry
			Cs134	9.1 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil (in the park)	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	219.0 Bq/kg dry	± 22.6 Bq/kg dry	225.4	Cs137	1.3 Bq/kg dry
			Cs134	6.4 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil(in the park) under the Horizontal bar	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	135.0 Bq/kg dry	± 14.1 Bq/kg dry	138.5	Cs137	1.0 Bq/kg dry
			Cs134	3.5 Bq/kg dry	± 0.6 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil (in the park)	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	124.0 Bq/kg dry	± 13.5 Bq/kg dry	128.9	Cs137	1.7 Bq/kg dry
			Cs134	4.9 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) under the large playset	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	105.0 Bq/kg dry	± 11.5 Bq/kg dry	108.7	Cs137	1.6 Bq/kg dry
			Cs134	3.7 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil (in the park)	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	91.4 Bq/kg dry	± 1.9 Bq/kg dry	94.3	Cs137	1.2 Bq/kg dry
			Cs134	2.9 Bq/kg dry	± 0.6 Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil(in the park) under the swing	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	19.8 Bq/kg dry	± 2.3 Bq/kg dry	19.8	Cs137	1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil(in the park) Sandbox	Nishikichuo 3chome Park 3.Chuo,Nishiki,Iwaki	Nov-21	Cs137	4.3 Bq/kg dry	± 0.6 Bq/kg dry	4.3	Cs137	0.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.0 Bq/kg dry
Wild grapes (leaves)	Shirakawa, Fukushima	Dec-21	Cs137	10.1 Bq/kg raw	± 3.1 Bq/kg raw	10.1	Cs137	3.5 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.3 Bq/kg raw
Berry (pulp)	Izumigaoka, Iwaki	Nov-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.2 Bq/kg raw
Laurel (male flower)	Izumigaoka, Iwaki	Dec-21	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.2 Bq/kg raw

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



★Gamma-ray

Measuring instrument		Feature	Guide to lower limit※
NaI Scintillation Spectrometer			
Product of ATOMTEK AT1320A 	Product of BERTHOLD LB2045 	<ul style="list-style-type: none"> Gamma-ray spectrometer with NaI 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
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	Miyagi Pref.	Oct-21	CA	Cs137	0.11 Bq/kg raw	± 0.02 Bq/kg raw	0.11	Cs137	0.04 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.04 Bq/kg raw	
Chinese cabbage	Onahamashimokajiro, Iwaki	Dec-21	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	
Japanese white radish (with peel)	Tairaakai, Iwaki	Dec-21	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	
Potherb mustard	Onahamashimokajiro, Iwaki	Dec-21	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	
Tomato	Okuma, Futaba, Fukushima	Nov-21	OR	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	2.0 Bq/kg raw	
Yuzu	Naraha, Futaba, Fukushima	Nov-21	OR	Cs137	2.4 Bq/kg raw	± 0.1 Bq/kg raw	2.4	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Persimmon	Namie, Futaba, Fukushima	Nov-21	CA	Cs137	79.2 Bq/kg raw	± 2.4 Bq/kg raw	81.8	Cs137	1.0 Bq/kg raw	
				Cs134	2.6 Bq/kg raw	± 0.7 Bq/kg raw		Cs134	1.2 Bq/kg raw	
Dried persimmon	Nishigo, Nishishirakawa, Fukushima	Dec-21	OR	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	0.1 Bq/kg raw	
Kiwi fruit	Okuma, Futaba, Fukushima	Nov-21	OR	Cs137	31.4 Bq/kg raw	± 1.0 Bq/kg raw	32.2	Cs137	0.4 Bq/kg raw	
				Cs134	0.8 Bq/kg raw	± 0.2 Bq/kg raw		Cs134	0.4 Bq/kg raw	
Amaranth seeds	Yamada, Shimohei, Iwate	Nov-21	OR	Cs137	0.26 Bq/kg raw	± 0.08 Bq/kg raw	0.26	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Ginkgo	Namie, Futaba, Fukushima	Nov-21	OR	Cs137	2.6 Bq/kg raw	± 0.5 Bq/kg raw	2.6	Cs137	0.9 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.0 Bq/kg raw	
Koshiabura·young leaves (wild)	Miyakoji, Tamura, Fukushima	May-21	CA	Cs137	1385.8 Bq/kg raw	± 55.4 Bq/kg raw	1458.2	Cs137	20.2 Bq/kg raw	
				Cs134	72.4 Bq/kg raw	± 16.6 Bq/kg raw		Cs134	25.8 Bq/kg raw	
Butterbur·leaves (wild)	Okuma, Futaba, Fukushima	Nov-21	CA	Cs137	458.2 Bq/kg raw	± 7.6 Bq/kg raw	471.3	Cs137	2.4 Bq/kg raw	
				Cs134	13.1 Bq/kg raw	± 1.7 Bq/kg raw		Cs134	2.8 Bq/kg raw	
Butterbur·stem (wild)	Okuma, Futaba, Fukushima	Nov-21	OR	Cs137	208.7 Bq/kg raw	± 4.8 Bq/kg raw	214.7	Cs137	1.9 Bq/kg raw	
				Cs134	6.0 Bq/kg raw	± 1.2 Bq/kg raw		Cs134	2.2 Bq/kg raw	
Warabi	Shiroishi, Miyagi	Apr-21	CA	Cs137	5.3 Bq/kg raw	± 1.3 Bq/kg raw	5.3	Cs137	2.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.8 Bq/kg raw	
Butterbur sprout (wild)	Minamiaizu, Fukushima	Mar-21	CA	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	2.2 Bq/kg raw	
Ostrich fern	Minamiaizu, Fukushima	May-21	CA	Cs137	2.7 Bq/kg raw	± 0.7 Bq/kg raw	2.7	Cs137	1.3 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.4 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	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection				
Shidoke	Minamiaizu, Fukushima	May-21	CA	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	2.1	Bq/kg raw
Doho	Minamiaizu, Fukushima	May-21	CA	Cs137	1.4	Bq/kg raw	±	0.4	Bq/kg raw	1.4	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.2	Bq/kg raw
Nobiru	Minamiaizu, Fukushima	Mar-21	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.7	Bq/kg raw
Aralia sprout (wild)	Kamiokeuri, Kawamae, Iwaki	May-21	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	29.6	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	29.2	Bq/kg raw
Shitake mushroom log grown	Hanno, Saitama	Jun-21	CA	Cs137	45.5	Bq/kg raw	±	0.9	Bq/kg raw	47.3	Cs137	0.5	Bq/kg raw
				Cs134	1.8	Bq/kg raw	±	0.2	Bq/kg raw		Cs134	0.6	Bq/kg raw
Nameko mushroom	Marumori, Igu, Miyagi	Nov-21	OR	Cs137	1.3	Bq/kg raw	±	0.3	Bq/kg raw	1.3	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.7	Bq/kg raw
Conger eel	Fukushima Pref.	Feb-21	OR	Cs137	0.5	Bq/kg raw	±	0.1	Bq/kg raw	0.5	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.4	Bq/kg raw
Sea robin (flesh · liver · egg)	Ukedo Port/ Fukushima Pref.	Mar-21	OR	Cs137	0.3	Bq/kg raw	±	0.1	Bq/kg raw	0.3	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Red seabream	Ukedo Port/ Fukushima Pref.	Jul-21	CA	Cs137	0.23	Bq/kg raw	±	0.06	Bq/kg raw	0.23	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Sea bass	Haragama Port/ Fukushima Pref.	Feb-21	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		Cs134	0.2	Bq/kg raw
Ocellate spot skate	Haragama Port/ Fukushima Pref.	Feb-21	CA	Cs137	0.52	Bq/kg raw	±	0.09	Bq/kg raw	0.52	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Sole	Haragama Port/ Fukushima Pref.	Aug-21	CA	Cs137	0.3	Bq/kg raw	±	0.1	Bq/kg raw	0.3	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Rikuzen flounder	Haragama Port/ Fukushima Pref.	May-21	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
Japanese sardine	Haragama Port/ Fukushima Pref.	Apr-21	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.6	Bq/kg raw
Roundnose flounder (flesh · egg)	Hisanohama Port/ Iwaki City	Feb-21	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	0.4	Bq/kg raw
Blackthroat seaperch	Hisanohama Port/ Iwaki City	May-21	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.5	Bq/kg raw
Barbel steed	Hobara, Date, Fukushima	Nov-21	CA	Cs137	2.8	Bq/kg raw	±	0.5	Bq/kg raw	2.8	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.9	Bq/kg raw
White rockfish (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.65	Bq/kg raw	±	0.09	Bq/kg raw	1.65	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
White rockfish (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	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	1.2	Bq/kg raw
White rockfish (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.5	Bq/kg raw	±	0.1	Bq/kg raw	1.5	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
White rockfish (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.49	Bq/kg raw	±	0.09	Bq/kg raw	1.49	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
White rockfish (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	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	1.5	Bq/kg raw
White rockfish (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.1	Bq/kg raw	±	0.1	Bq/kg raw	1.1	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
White rockfish (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	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

※"_"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.



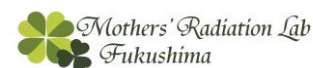
★Gamma-ray

(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		
Fox jacopever (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.8 Bq/kg raw	± 0.1 Bq/kg raw	1.8	Cs137	0.2 Bq/kg raw	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw		
Fox jacopever (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.1 Bq/kg raw	1.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.1 Bq/kg raw		
Fox jacopever (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	0.7 Bq/kg raw	± 0.1 Bq/kg raw	0.7	Cs137	0.2 Bq/kg raw	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw		
Fox jacopever (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.6 Bq/kg raw	1.5 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.5 Bq/kg raw		
Goldeye rockfish (whole)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.1 Bq/kg raw	± 0.1 Bq/kg raw	1.1	Cs137	0.3 Bq/kg raw	0.4 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 Bq/kg raw		
Flounder (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	1.0 Bq/kg raw	± 0.1 Bq/kg raw	1.0	Cs137	0.2 Bq/kg raw	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw		
Flounder (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.8 Bq/kg raw	0.8 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.8 Bq/kg raw		
Greenling (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	0.97 Bq/kg raw	± 0.09 Bq/kg raw	0.97	Cs137	0.1 Bq/kg raw	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw		
Greenling (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	0.5 Bq/kg raw	± 0.2 Bq/kg raw	0.5	Cs137	0.5 Bq/kg raw	0.5 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.5 Bq/kg raw		
Pseudolabrus sieboldi (flesh)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw	0.3 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.3 Bq/kg raw		
Pseudolabrus sieboldi (guts)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw		
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.008 Bq/L	± 0.0006 Bq/L	0.008	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.01 Bq/L	± 0.0007 Bq/L	0.01	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.009 Bq/L	± 0.0006 Bq/L	0.009	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.01 Bq/L	± 0.0006 Bq/L	0.01	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.007 Bq/L	± 0.0006 Bq/L	0.007	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.009 Bq/L	± 0.0006 Bq/L	0.009	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	OR	Cs137	0.008 Bq/L	± 0.0006 Bq/L	0.008	Cs137	0.0009 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	CA	Cs137	0.011 Bq/L	± 0.0007 Bq/L	0.011	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Sea water (surface)	Tomioka Port/ Fukushima Pref.	Nov-21	CA	Cs137	0.021 Bq/L	± 0.0008 Bq/L	0.021	Cs137	0.001 Bq/L	0.001 Bq/L	
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L		
Pine leaves	Shiraki Port/ Fukui Pref.	Sep-21	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw	1.9 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.9 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 300SLL	Product of PerkinElmer Japan Quantulus GCT 622	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	
Tap water	Onahamahanabatake, Iwaki	Oct-21	T (Free)	0.29 Bq/L	± 0.16 Bq/L	0.14 Bq/L		
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.15 Bq/L		
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.17 Bq/L		
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.17 Bq/L		
Rice	Namie, Futaba, Fukushima	Oct-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.15 Bq/kg dry		
Rice	Shinchi, Soma, Fukushima	Oct-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.12 Bq/kg dry		
Rice	Tomitsu, Iwaki	Oct-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.11 Bq/kg dry		
Japanese white radish(pulp)	Soma, Fukushima	Nov-18	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.21 Bq/kg dry		
Japanese white radish(leaf)	Soma, Fukushima	Nov-18	Sr90	1.22 Bq/kg dry	± 0.12 Bq/kg dry	0.17 Bq/kg dry		
Turnip	Iitate, Soma, Fukushima	Apr-19	Sr90	0.59 Bq/kg dry	± 0.16 Bq/kg dry	0.24 Bq/kg dry		
Yuzu	Okuma, Futaba, Fukushima	Jan-19	Sr90	3.70 Bq/kg dry	± 0.11 Bq/kg dry	0.13 Bq/kg dry		
Persimmon (peel, calyx)	Iitate, Soma, Fukushima	Nov-18	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.47 Bq/kg dry		
Persimmon (peel, calyx)	Kashima, Minamisoma, Fukushima	Nov-18	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.19 Bq/kg dry		
Soil	Okuma, Futaba, Fukushima	Oct-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	1.56 Bq/kg dry		
Soil	Okuma, Futaba, Fukushima	Oct-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	1.87 Bq/kg dry		
Soil	Shimookouri, Kawamae, Iwaki	Nov-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	0.91 Bq/kg dry		
Lake bottom soil (0-5cm deep)	Lake Hibara/ Fukushima Pref.	Oct-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry	1.55 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

(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
Lake bottom soil (5-10cm deep)	Lake Hibara/ Fukushima Pref.	Oct-21	Sr90	Under Minimum Limit of Detection	±	—	1.66	Bq/kg dry
Lake bottom soil (10-15cm deep)	Lake Hibara/ Fukushima Pref.	Oct-21	Sr90	Under Minimum Limit of Detection	±	—	1.54	Bq/kg dry
Lake bottom soil (25-30cm deep)	Lake Hibara/ Fukushima Pref.	Oct-21	Sr90	Under Minimum Limit of Detection	±	—	1.59	Bq/kg dry
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0007	Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0007	Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0007	Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	0.0011	±	0.0004	0.0006	Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0007	Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	0.001	±	0.0005	0.0008	Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0006	Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-21	Sr90	Under Minimum Limit of Detection	±	—	0.0006	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.



Measurement results of 16 items by germanium semiconductor detector

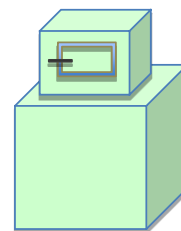
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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	
Taro	Iwaki City	Sep-21	CA	Cs137	0.05 Bq/kg raw	± 0.03 Bq/kg raw	0.05	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Sweet potato	Miyakoji, Tamura, Fukushima	Sep-21	OR	Cs137	0.78 Bq/kg raw	± 0.07 Bq/kg raw	0.78	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Sweet potato	Iwaki City	Sep-21	CA	Cs137	0.05 Bq/kg raw	± 0.04 Bq/kg raw	0.05	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Carrot	Iwaki City	Sep-21	CA	Cs137	0.67 Bq/kg raw	± 0.05 Bq/kg raw	0.67	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Burdock	Onahamashimokajiro, Iwaki	Oct-21	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	Bq/kg raw	
Lotus root	Ibaraki Perf.	Sep-21	OR	Cs137	1.5 Bq/kg raw	± 0.06 Bq/kg raw	1.5	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Garland chrysanthemum	Yoshima, Iwaki	Oct-21	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	Bq/kg raw	
Hirana	Shimookuri, Kawamae, Iwaki	Oct-21	CA	Cs137	0.32 Bq/kg raw	± 0.06 Bq/kg raw	0.32	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Shitake mushroom log grown	Tsukuba, Ibaraki	Oct-21	CA	Cs137	6.0 Bq/kg raw	± 0.2 Bq/kg raw	6.12	Cs137	Bq/kg raw	
				Cs134	0.12 Bq/kg raw	± 0.08 Bq/kg raw		Cs134	Bq/kg raw	
Shitake mushroom grown in bacteria-bed	Bandai, Yama, Fukushima.	Oct-21	OR	Cs137	0.74 Bq/kg raw	± 0.02 Bq/kg raw	0.74	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Maitake mushroom grown in bacteria-bed	Hinoemata, Minamiaizu, Fukushima	Oct-21	CA	Cs137	3.2 Bq/kg raw	± 0.08 Bq/kg raw	3.25	Cs137	Bq/kg raw	
				Cs134	0.05 Bq/kg raw	± 0.02 Bq/kg raw		Cs134	Bq/kg raw	
Japanese pear	Tairaakai, Iwaki	Oct-21	CA	Cs137	0.03 Bq/kg raw	± 0.02 Bq/kg raw	0.03	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Fig	Yotsukura, Iwaki	Sep-21	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	
Fig	Iwaki City	Sep-21	CA	Cs137	0.75 Bq/kg raw	± 0.11 Bq/kg raw	0.75	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Soybeans	Kawauchi, Futaba, Fukushima	Oct-21	CA	Cs137	0.87 Bq/kg raw	± 0.18 Bq/kg raw	0.87	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Dried turmeric	Iwaki City	Oct-21	CA	Cs137	3.3 Bq/kg raw	± 0.5 Bq/kg raw	3.3	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	