



Radiation Measurement Results of 177 Items in July



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	Hirono, Futaba,Fukushima	Jun-23	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
Potato	Hirono, Futaba,Fukushima	Jul-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
Carrot	Tamura,Koriyama, Fukushima	Jul-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 2.3 Bq/kg raw
Carrot	Hirono, Futaba,Fukushima	Jul-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
Japanese white radish	Obama,Iwaki, Fukushima	Jun-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
Japanese white radish	Otsuki,Koriyama, Fukushima	Jul-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
Turnip	Chiba Pref.	Jul-23	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
Taro	Tamura,Koriyama, Fukushima	Jul-23	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
Pumpkin	Tomioka, Futaba,Fukushima	Jul-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 2.3 Bq/kg raw
Onion	Inawashiro,Yama, Fukushima	Jun-23	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 2.5 Bq/kg raw
Onion	Kunimi,Date, Fukushima	Jul-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
Wax gourd	Tokiwa,Tamura, Fukushima	Jul-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 1.9 Bq/kg raw
Green onion	Tamura,Koriyama, Fukushima	Jul-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 1.6 Bq/kg raw
Cucumber	Nakajima, Nishishirakawa, Fukushima	Jul-23	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
Cucumber	Hirono, Futaba,Fukushima	Jul-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 2.9 Bq/kg raw
Cucumber	Ryouzen,Date, Fukushima	Jul-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
Cucumber	Kikuta,Koriyama, Fukushima	Jul-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 2.1 Bq/kg raw

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

But it does not necessarily 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
Zucchini	Miharu,Tamura, Fukushima	Jul-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
Zucchini	Kori,Date, Fukushima.	Jul-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
Zucchini	Koriyama, Fukushima	Jul-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
Okra	Katahira,Koriyama, Fukushima	Jul-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 1.6 Bq/kg raw
Okra	Ogawa,Iwaki, Fukushima	Jul-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 2.6 Bq/kg raw
Eggplant	Tomioka, Futaba,Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.0 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.8 Bq/kg raw
Eggplant	Yanagawa,Date, Fukushima	Jul-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 2.3 Bq/kg raw
Eggplant	Sukagawa, Fukushima	Jul-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
Green pepper	Katsurao,Futaba, Fukushoma	Jul-23	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
Cherry tomato	Miharu,Tamura, Fukushima	Jul-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 1.3 Bq/kg raw
Celery	Miharu,Tamura, Fukushima	Jul-23	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 1.2 Bq/kg raw
Asparagus	Nishida,Koriyama, Fukushima	Jul-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 1.3 Bq/kg raw
Purple cabbage	Namie,Futaba, Fukushima	Jun-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
romaine lettuce	Iwate Pref.	Jun-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 1.4 Bq/kg raw
Spinach	Tomioka, Futaba,Fukushima	Jul-23	Cs137	9.3 Bq/kg raw	± 3.1 Bq/kg raw	9.3	Cs137 2.5 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.0 Bq/kg raw
Potherb mustard	Ibaraki Pref.	Jul-23	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
Peach	Fukushima, Fukushima Pref.	Jul-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
Peach	Date,Date, Fukushima	Jul-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
Apple	Aomori Pref.	Jul-23	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 2.5 Bq/kg raw
Plum	Matsukawa, Fukushima, Fukushima	Jul-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
Plum	Hobara,Date, Fukushima	Jul-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 2.0 Bq/kg raw
Loquat	Date,Date, Fukushima	Jul-23	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
Blueberry	Miharu,Tamura, Fukushima	Jul-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 1.9 Bq/kg raw
Ume	Ryouzen,Date, Fukushima	Jul-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

*"—" 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
Ume	Tamura,Koriyama, Fukushima	Jul-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 1.6 Bq/kg raw
Green bean	Nishida,Koriyama, Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 1.6 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.4 Bq/kg raw
Green bean	Ryouzen,Date, Fukushima	Jul-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
Green bean	Miharu,Tamura, Fukushima	Jul-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 1.4 Bq/kg raw
Soybeans	Sukagawa, Fukushima	Jul-23	Cs137	3.7 Bq/kg raw	± 2.1 Bq/kg raw	3.7	Cs137 1.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.4 Bq/kg raw
Soybeans	Samegawa, Higashishirakawa, Fukushima	Jul-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 1.4 Bq/kg raw
Black soybean	Samegawa, Higashishirakawa, Fukushima	Jul-23	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
Green soybeans	Nishida,Koriyama, Fukushima	Jul-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 1.7 Bq/kg raw
Eryngii mushroom	Ogawa,Iwaki, Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.0 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.4 Bq/kg raw
Butterbur	Tokiwa,Tamura, Fukushima	Jul-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 1.4 Bq/kg raw
Perilla	Tamura,Koriyama, Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 5.0 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 4.0 Bq/kg raw
Chili pepper (dried)	Hirono, Futaba,Fukushima	Jul-23	Cs137	11.0 Bq/kg raw	± 4.6 Bq/kg raw	11.0	Cs137 5.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 5.7 Bq/kg raw
Soy pulp	Samegawa, Higashishirakawa, Fukushima	Jul-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 1.1 Bq/kg raw
Freeze-dried Japanese white radish	Koriyama, Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 5.4 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 4.4 Bq/kg raw
Konjac	Miyagi Pref.	Jun-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 2.0 Bq/kg raw
Soil (in the park)	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	304.0 Bq/kg dry	± 34.4 Bq/kg dry	312.6	Cs137 1.6 Bq/kg dry
			Cs134	8.6 Bq/kg dry	± 1.3 Bq/kg dry		Cs134 1.9 Bq/kg dry
Soil (in the park)	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	350.0 Bq/kg dry	± 36.9 Bq/kg dry	355.8	Cs137 2.8 Bq/kg dry
			Cs134	5.8 Bq/kg dry	± 1.4 Bq/kg dry		Cs134 3.4 Bq/kg dry
Soil (in the park)	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	407.0 Bq/kg dry	± 41.9 Bq/kg dry	414.9	Cs137 1.5 Bq/kg dry
			Cs134	7.9 Bq/kg dry	± 1.2 Bq/kg dry		Cs134 1.9 Bq/kg dry
Soil (in the park)	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	110.0 Bq/kg dry	± 1.2 Bq/kg dry	110.0	Cs137 3.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 3.0 Bq/kg dry
Soil (in the park)	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	116.0 Bq/kg dry	± 12.8 Bq/kg dry	116.0	Cs137 3.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.8 Bq/kg dry
Soil(in the park) under the monkey bars	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137 2.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil(in the park) under the Obstacle course	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137 2.6 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil(in the park) the playset	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	29.8 Bq/kg dry	± 3.3 Bq/kg dry	29.8	Cs137 1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.5 Bq/kg dry
Soil(in the park) under the balance beam	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	453.0 Bq/kg dry	± 47.7 Bq/kg dry	466.0	Cs137 3.8 Bq/kg dry
			Cs134	13.0 Bq/kg dry	± 2.4 Bq/kg dry		Cs134 4.5 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) under the bench	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	36.9	Bq/kg dry ± 4.1 Bq/kg dry	36.9	Cs137 1.3 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil(in the park) under the Promenade stairs	Yoshima,Iwaki, Fukushima	Jul-23	Cs137	355.0	Bq/kg dry ± 37.7 Bq/kg dry	363.7	Cs137 2.6 Bq/kg dry
			Cs134	8.7	Bq/kg dry ± 1.6 Bq/kg dry		Cs134 3.1 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	53.2	Bq/kg dry ± 5.7 Bq/kg dry	53.2	Cs137 1.3 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.5 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	662.0	Bq/kg dry ± 68.4 Bq/kg dry	675.3	Cs137 2.5 Bq/kg dry
			Cs134	13.3	Bq/kg dry ± 2.0 Bq/kg dry		Cs134 2.9 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	863.0	Bq/kg dry ± 87.5 Bq/kg dry	879.7	Cs137 1.3 Bq/kg dry
			Cs134	16.7	Bq/kg dry ± 2.0 Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-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
Soil(in the park) under the swing	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	30.2	Bq/kg dry ± 3.6 Bq/kg dry	30.2	Cs137 1.9 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.2 Bq/kg dry
Soil(in the park) Sandbox	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	10.7	Bq/kg dry ± 1.3 Bq/kg dry	10.7	Cs137 0.8 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.0 Bq/kg dry
Soil(in the park) under the slide	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	58.2	Bq/kg dry ± 6.2 Bq/kg dry	58.2	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 jungle gym	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	19.3	Bq/kg dry ± 2.5 Bq/kg dry	19.3	Cs137 2.1 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil(in the park) under the monkey bars	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	12.2	Bq/kg dry ± 1.4 Bq/kg dry	12.2	Cs137 1.0 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.2 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	473.0	Bq/kg dry ± 48.4 Bq/kg dry	482.1	Cs137 1.3 Bq/kg dry
			Cs134	9.1	Bq/kg dry ± 1.2 Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	812.0	Bq/kg dry ± 82.7 Bq/kg dry	830.3	Cs137 1.5 Bq/kg dry
			Cs134	18.3	Bq/kg dry ± 2.3 Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	459.0	Bq/kg dry ± 46.8 Bq/kg dry	469.3	Cs137 1.2 Bq/kg dry
			Cs134	10.3	Bq/kg dry ± 1.3 Bq/kg dry		Cs134 1.3 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	1300.0	Bq/kg dry ± 132.0 Bq/kg dry	1325.8	Cs137 1.6 Bq/kg dry
			Cs134	25.8	Bq/kg dry ± 2.9 Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	—	Bq/kg dry ± — Bq/kg dry	Under Minimum Limit of Detection	Cs137 1.2 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.2 Bq/kg dry
Soil(in the park) under the bench	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	46.9	Bq/kg dry ± 5.3 Bq/kg dry	46.9	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 swing	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	300.0	Bq/kg dry ± 30.9 Bq/kg dry	306.0	Cs137 1.2 Bq/kg dry
			Cs134	6.0	Bq/kg dry ± 0.9 Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil(in the park) under the horizontal bar	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	52.9	Bq/kg dry ± 6.2 Bq/kg dry	52.9	Cs137 2.8 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil(in the park) under the slide	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	278.0	Bq/kg dry ± 29.1 Bq/kg dry	285.0	Cs137 1.9 Bq/kg dry
			Cs134	7.0	Bq/kg dry ± 1.2 Bq/kg dry		Cs134 2.2 Bq/kg dry
Soil(in the park) Sandbox	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	47.1	Bq/kg dry ± 5.4 Bq/kg dry	47.1	Cs137 2.2 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.0 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	54.9	Bq/kg dry ± 6.2 Bq/kg dry	54.9	Cs137 2.1 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	25.0	Bq/kg dry ± 2.8 Bq/kg dry	25.0	Cs137 1.3 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.5 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	377.0	Bq/kg dry ± 39.3 Bq/kg dry	383.0	Cs137 2.7 Bq/kg dry
			Cs134	6.0	Bq/kg dry ± 1.3 Bq/kg dry		Cs134 3.2 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.

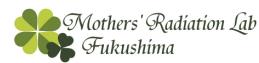
★Gamma-ray

(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)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil (in the park)	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	52.1 Bq/kg dry	± 5.9 Bq/kg dry	52.1	Cs137	2.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil(in the park) under the slide	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	347.0 Bq/kg dry	± 35.5 Bq/kg dry	354.0	Cs137	1.3 Bq/kg dry
			Cs134	7.0 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil(in the park) under the bench	Tairashimokabeya, Iwaki,Fukushima	Mar-23	Cs137	6.7 Bq/kg dry	± 0.9 Bq/kg dry	6.7	Cs137	1.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil (in the park)	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	83.4 Bq/kg dry	± 8.9 Bq/kg dry	83.4	Cs137	1.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	519.0 Bq/kg dry	± 53.0 Bq/kg dry	529.1	Cs137	1.4 Bq/kg dry
			Cs134	10.1 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	865.0 Bq/kg dry	± 88.1 Bq/kg dry	889.0	Cs137	1.5 Bq/kg dry
			Cs134	24.0 Bq/kg dry	± 2.7 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	265.0 Bq/kg dry	± 27.8 Bq/kg dry	271.6	Cs137	2.0 Bq/kg dry
			Cs134	6.6 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil(in the park) under the swing	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	87.2 Bq/kg dry	± 9.6 Bq/kg dry	87.2	Cs137	2.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) under the slide	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	123.0 Bq/kg raw	± 13.3 Bq/kg raw	123.0	Cs137	2.6 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.4 Bq/kg raw
Soil(in the park) under the bench	Tairanakakabeya, Iwaki,Fukushima	Mar-23	Cs137	60.9 Bq/kg raw	± 6.5 Bq/kg raw	60.9	Cs137	1.4 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

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
Aralia sprout	Miyakojima, Tamura, Fukushima	Apr-23	OR	Cs137 11.4 Bq/kg raw	± 0.60 Bq/kg raw	11.4	Cs137 0.80 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.70 Bq/kg raw
Warabi	Okuma, Futaba, Fukushima	Apr-23	OR	Cs137 68.8 Bq/kg raw	± 1.9 Bq/kg raw	68.8	Cs137 0.90 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 1.00 Bq/kg raw
Warabi(after removing scum)	Okuma, Futaba, Fukushima	Apr-23	CA	Cs137 20.6 Bq/kg raw	± 0.7 Bq/kg raw	20.6	Cs137 0.40 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.50 Bq/kg raw
Warabi	Kawauchi, Futaba, Fukushima	Apr-23	OR	Cs137 15.3 Bq/kg raw	± 0.7 Bq/kg raw	15.3	Cs137 0.70 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.70 Bq/kg raw
Pumpkin flower	Izumigaoka, Iwaki, Fukushima	Jul-23	CA	Cs137 1.1 Bq/kg raw	± 0.08 Bq/kg raw	1.1	Cs137 0.10 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.10 Bq/kg raw
Loquat (pulp)	Izumigaoka, Iwaki, Fukushima	Jul-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		Cs134 0.2 Bq/kg raw
Sea robin ①	Nakanosaku Port/Fukushima Pref.	Jun-23	CA	Cs137 1.2 Bq/kg raw	± 0.05 Bq/kg raw	1.2	Cs137 0.09 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.09 Bq/kg raw
Sea robin ②	Nakanosaku Port/Fukushima Pref.	Jun-23	OR	Cs137 0.7 Bq/kg raw	± 0.07 Bq/kg raw	0.7	Cs137 0.1 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.1 Bq/kg raw
Pine	Nakano, Nagano	Jul-23	CA	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 0.9 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.9 Bq/kg raw
Houttuynia Cordata	Kamitakai, Nagano	Jul-23	CA	Cs137 0.2 Bq/kg raw	± 0.08 Bq/kg raw	0.2	Cs137 0.10 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.10 Bq/kg raw
Soil (in the park)	Tairashimokabeya, Iwaki, Fukushima	Mar-23	CA	Cs137 197.00 Bq/kg dry	± 4.00 Bq/kg dry	201.3	Cs137 2.00 Bq/kg dry
				Cs134 4.30 Bq/kg dry	± 1.20 Bq/kg dry		Cs134 2.30 Bq/kg dry
Soil(in the park) under the tree	Tairashimokabeya, Iwaki, Fukushima	Jul-23	CA	Cs137 212.4 Bq/kg dry	± 3.70 Bq/kg dry	217.2	Cs137 2.0 Bq/kg dry
				Cs134 4.8 Bq/kg dry	± 1.0 Bq/kg dry		Cs134 1.8 Bq/kg dry
Soil (in the park)	Tairanakakabeya, Iwaki, Fukushima	Mar-23	CA	Cs137 249.8 Bq/kg dry	± 4.6 Bq/kg dry	254.8	Cs137 2.1 Bq/kg dry
				Cs134 5.0 Bq/kg dry	± 1.3 Bq/kg dry		Cs134 2.4 Bq/kg dry
Water	Kijimidaira, Nagano	Jul-23	OR	Cs137 — Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.03 Bq/L
				Cs134 — Bq/L	± — Bq/L		Cs134 0.03 Bq/L
Tap water	Tadami, Minamiaizu, Fukushima	May-23	CA	Cs137 — Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.0009 Bq/L
				Cs134 — Bq/L	± — Bq/L		Cs134 0.001 Bq/L
River water	Tadami, Minamiaizu, Fukushima	May-23	CA	Cs137 0.001 Bq/L	± 0.0004 Bq/L	0.001	Cs137 0.0009 Bq/L
				Cs134 — Bq/L	± — Bq/L		Cs134 0.001 Bq/L
River water (suspended solid)	Tadami, Minamiaizu, Fukushima	May-23	OR	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)	Off the coast of Fukushima Nuclear Power Plant1	May-23	CA	Cs137 0.004 Bq/L	± 0.0005 Bq/L	0.004	Cs137 0.0008 Bq/L
				Cs134 — Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	May-23	OR	Cs137 0.003 Bq/L	± 0.0006 Bq/L	0.003	Cs137 0.001 Bq/L
				Cs134 — Bq/L	± — Bq/L		Cs134 0.001 Bq/L

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

But it does not necessarily 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 water (surface)	Tomioka Port/Fukushima Pref.	May-23	OR	Cs137	0.01	Bq/L	± 0.0007 Bq/L	0.01	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water A surface (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	CA	Cs137	—	Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.002 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water A lower (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	OR	Cs137	0.003	Bq/L	± 0.001 Bq/L	0.003	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water B surface (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	CA	Cs137	—	Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.002 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water B lower (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	OR	Cs137	0.006	Bq/L	± 0.001 Bq/L	0.006	Cs137 0.002 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water C surface (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	CA	Cs137	—	Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water C lower (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	OR	Cs137	0.004	Bq/L	± 0.0009 Bq/L	0.004	Cs137 0.002 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.002 Bq/L
Sea water D surface (suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	OR	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 solid)	Off the coast of Fukushima Nuclear Power Plant1	May-23	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 surface (suspended solid)	Tomioka Port/Fukushima Pref.	May-23	CA	Cs137	—	Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137 0.0009 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water	Kumagawa Estuary/Fukushima Pref.	Jun-23	OR	Cs137	0.02	Bq/L	± 0.0008 Bq/L	0.02	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water (suspended solid)	Soma Port/Fukushima Pref.	May-23	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 (suspended solid)	Murakami Coast/Fukushima Pref.	May-23	OR	Cs137	0.010	Bq/L	± 0.0006 Bq/L	0.01	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water (suspended solid)	Ukedo port/Fukushima Pref.	May-23	CA	Cs137	0.004	Bq/L	± 0.0004 Bq/L	0.004	Cs137 0.0009 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water (suspended solid)	Futaba Beach/Fukushima Pref.	May-23	OR	Cs137	0.030	Bq/L	± 0.0010 Bq/L	0.030	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water (suspended solid)	Kumagawa Estuary/Fukushima Pref.	May-23	OR	Cs137	0.048	Bq/L	± 0.0010 Bq/L	0.048	Cs137 0.001 Bq/L
				Cs134	—	Bq/L	± — Bq/L		Cs134 0.001 Bq/L
Sea water (suspended solid)	Iwasawa Beach/Fukushima Pref.	May-23	CA	Cs137	0.009	Bq/kg dry	± 0.001 Bq/kg dry	0.009	Cs137 0.0008 Bq/kg dry
				Cs134	—	Bq/kg dry	± — Bq/kg dry		Cs134 0.0009 Bq/kg dry
Sea water (suspended solid)	OnahamaPort,/Fukushima Pref.	May-23	OR	Cs137	0.002	Bq/kg dry	± 0.0004 Bq/kg dry	0.002	Cs137 0.0009 Bq/kg dry
				Cs134	—	Bq/kg dry	± — Bq/kg dry		Cs134 0.0009 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 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
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.04 Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.04 Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.04 Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.04 Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.04 Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
Sea water (surface)	Tomioka Port/Fukushima Pref.	Aug-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
Sea water	Ohama Coast/Ishigaki Island	Jul-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
Sea water	Nanao, Ishikawa Pref.	Jul-22	T (Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L 0.05 Bq/L
River water	River Tadami/Fukushima Pref.	Jun-22	T (Free)	0.26 Bq/L	± 0.05 Bq/L 0.04 Bq/L
River water	Minenohara,nirei,suzaka,Nagano	Jul-22	T (Free)	0.21 Bq/L	± 0.05 Bq/L 0.04 Bq/L
White rockfish	Sendai Bay/Miyagi Pref.	Apr-23	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry 0.27 Bq/kg dry
White rockfish	Sendai Bay/Miyagi Pref.	Apr-23	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry 0.16 Bq/kg dry
Mackerel	Sendai Bay/Miyagi Pref.	Apr-23	Sr90	Under Minimum Limit of Detection Bq/kg dry	± — Bq/kg dry 0.13 Bq/kg dry
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	Under Minimum Limit of Detection Bq/kg dry	± 0.0005 Bq/kg dry 0.13 Bq/kg dry
Blowfish	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	Under Minimum Limit of Detection Bq/kg dry	± 0.0005 Bq/kg dry 0.60 Bq/kg dry

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

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

(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	
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	0.46	Bq/kg dry	± 0.13	Bq/kg dry	0.19	Bq/kg dry
Sea water	Kumagawa Estuary/Fukushima Pref.	Jun-23	Sr90	0.0006	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	0.0008	Bq/L	± 0.0003	Bq/L	0.0005	Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	0.0009	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	0.0009	Bq/L	± 0.0004	Bq/L	0.0005	Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0005	Bq/L



Measurement results of 16 items by germanium semiconductor detector

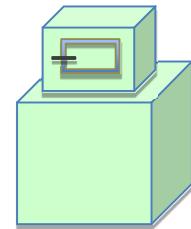
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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

★Gamma-ray

Measuring instrument : Germanium Semiconductor detector

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



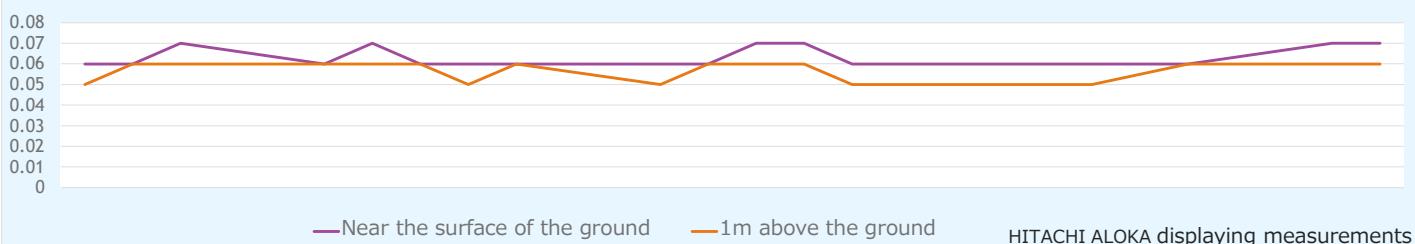
(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection
Rice	Kashima, Minamisoma, Fukushima	Oct-22	CA	Cs137	0.055	Bq/kg raw ± 0.015 Bq/kg raw	0.055	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Chinese yam	Iwate Pref.	May-23	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 Bq/kg raw
Red turnip	Iwaki	May-23	OR	Cs137	—	Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 0.03 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Leek	Kawauchi, Futaba, Fukushima	Apr-23	CA	Cs137	0.2	Bq/kg raw ± 0.05 Bq/kg raw	0.2	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Wasabi leaf	Nihonmatsu, Fukushima	Apr-23	OR	Cs137	0.18	Bq/kg raw ± 0.06 Bq/kg raw	0.18	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Shitake mushroom log grown(dried)	Shimogo, Minamiaizu, Fukushima	May-23	CA	Cs137	76	Bq/kg raw ± 1.3 Bq/kg raw	76	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Bamboo shoot	Obama, Iwaki, Fukushima	May-23	OR	Cs137	3.7	Bq/kg raw ± 0.1 Bq/kg raw	3.81	Cs137 Bq/kg raw
				Cs134	0.11	Bq/kg raw ± 0.04 Bq/kg raw		Cs134 Bq/kg raw
Butterbur	Minamisoma, Fukushima	Apr-23	CA	Cs137	0.64	Bq/kg raw ± 0.06 Bq/kg raw	0.64	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Butterbur	Obama, Iwaki, Fukushima	May-23	CA	Cs137	4.5	Bq/kg raw ± 0.1 Bq/kg raw	4.5	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Green soybean	Hirono, Futaba, Fukushima	May-23	OR	Cs137	13	Bq/kg raw ± 0.60 Bq/kg raw	13	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Green soybean	Katsurao, Futaba, Fukushima	Apr-23	OR	Cs137	3.5	Bq/kg raw ± 0.30 Bq/kg raw	3.5	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Natto	Obama, Nihonmatsu, Fukushima	Apr-23	OR	Cs137	2.0	Bq/kg raw ± 0.2 Bq/kg raw	2.0	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Perilla	Shimogo, Minamiaizu, Fukushima	May-23	OR	Cs137	—	Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 0.08 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Chili pepper (dried)	Hirono, Futaba, Fukushima	May-23	OR	Cs137	5.5	Bq/kg raw ± 0.6 Bq/kg raw	5.5	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw
Dried stems of taro(dried)	Yabuki, Nishishirakawa, Fukushima	May-23	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 Bq/kg raw
Sea lettuce	Fukushima Pref.	Apr-23	OR	Cs137	0.62	Bq/kg raw ± 0.07 Bq/kg raw	0.62	Cs137 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134 Bq/kg raw

Air dose rate July 2023

Measuring Instrument		Measuring Place	
CsI Scintillation survey meter ⑧HITACHI ALOKA TCS-1172	Nal Scintillation survey meter ⑦HORIBA Radi PA-1100	Yokocho Park, Onahama, Iwaki, Fukushima	
			
Feature: Measuring air (space) radiation dose and radioactive surface contamination of human body and other things.			

Air dose rate July 2023



Measuring instrument	HITACHI ALOKA	HORIBA Radi	HITACHI ALOKA	HORIBA Radi
Measuring Date	Weather	Near the surface of the ground(μSv/h)	1m above the ground(μSv/h)	
2023/7/3		0.06	0.064	0.05
2023/7/4		0.06	0.06	0.06
2023/7/5		0.07	0.064	0.06
2023/7/6		0.06	0.071	0.06
2023/7/7		0.07	0.061	0.06
2023/7/10		0.06	0.059	0.05
2023/7/11		0.06	0.07	0.05
2023/7/12		0.06	0.062	0.06
2023/7/13		0.06	0.064	0.05
2023/7/14		0.06	0.06	0.05
2023/7/18		0.06	0.062	0.06
2023/7/19		0.07	0.078	0.06
2023/7/20		0.07	0.071	0.06
2023/7/21		0.06	0.07	0.05
2023/7/24		0.06	0.061	0.05
2023/7/25		0.06	0.062	0.05
2023/7/26		0.06	0.067	0.06
2023/7/27		0.07	0.068	0.06
2023/7/28		0.07	0.071	0.06
2023/7/31		0.07	0.06	0.05