Radiation Measurement Results of 98 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	
Soil(bench)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	175.0 Bq/kg dry	± 18.3 Bq/kg dry	175.0	Cs137	2.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.8 Bq/kg dry
Soil(in the park)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	101.0 Bq/kg dry	± 10.6 Bq/kg dry	101.0	Cs137	1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil(in the park)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	60.3 Bq/kg dry	± 6.5 Bq/kg dry	60.3	Cs137	1.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil(in the park)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	59.8 Bq/kg dry	± 6.4 Bq/kg dry	59.8	Cs137	1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil(sandox)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	33.0 Bq/kg dry	± 3.6 Bq/kg dry	33.0	Cs137	0.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 Bq/kg dry
Soil(in the park)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil(slide)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	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

※"_"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.

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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 10L) Lower limit 0.002Bq/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	Yamagata Pref.	Oct-25	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	0.05 Bq/kg raw
Sweet potato	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	Cs137	0.8 Bq/kg raw	±	0.09 Bq/kg raw	0.8	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Japanese white radish	Kitaibaraki, Ibaraki Pref.	Mar-26	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
Turnip	Kitaibaraki, Ibaraki Pref.	Mar-26	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
Carrot	Hirono,Futaba, Fukushima Pref.	Feb-26	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Carrot	Chiba Pref	Feb-26	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	0.3 Bq/kg raw
Carrot	Chiba Pref	Mar-26	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Carrot	Okayama Pref.	Jan-26	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
Burdock	Japan (production)	Mar-26	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	0.3 Bq/kg raw
Onion	Hyogo Pref.	Feb-26	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Green onion	Ibaraki Pref.	Feb-26	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
Green pepper	Okinawa Pref.	Feb-26	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
Eggplant	Kumamoto Pref.	Mar-26	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Broccoli	Hirono,Futaba, Fukushima Pref.	Feb-26	CA	Cs137	0.4 Bq/kg raw	±	0.1 Bq/kg raw	0.4	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Broccoli	Iwaki City	Feb-26	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
Broccoli (stem)	Iwaki City	Mar-26	CA	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	0.3 Bq/kg raw
Chinese cabbage	Iwaki City	Mar-26	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.4 Bq/kg raw
Cabbage	Iwaki City	Mar-26	CA	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
Cabbage	Chiba Pref	Mar-26	CA	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	0.2 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.

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(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		
Brussels sprouts	Iwaki City	Jan-26	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	0.3	Bq/kg raw
Spinach	Hirono,Futaba, Fukushima Pref.	Mar-26	CA	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	0.4	Bq/kg raw
Garland chrysanthemum	Hirono,Futaba, Fukushima Pref.	Mar-26	OR	Cs137	2.9	Bq/kg raw	±	0.2	Bq/kg raw	2.9	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Garland chrysanthemum	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.4	Bq/kg raw
Ginger	Kouchi Pref.	Mar-26	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
Canola flower	Chiba Pref.	Feb-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Canola flower	Kyoto Pref.	Feb-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Tsubomina	Hirono,Futaba, Fukushima Pref.	Feb-26	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.8	Bq/kg raw
Sangchu	Choshi, Chiba Pref.	Mar-26	CA	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	0.3	Bq/kg raw
Romaine lettuce	Kagawa Pref.	Mar-26	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	0.3	Bq/kg raw
Oak leaf lettuce	Shizuoka Pref.	Feb-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Celery	Miyama, Fukuoka Pref.	Mar-26	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
Celery(leaf)	Miyama, Fukuoka Pref.	Mar-26	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.7	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.7	Bq/kg raw
Wasabi greens	Iwaki City	Mar-26	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
Mustard greens	Hirono,Futaba, Fukushima Pref.	Mar-26	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	0.3	Bq/kg raw
Common iceplant	Hirono,Futaba, Fukushima Pref.	Mar-26	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
Watercress	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	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	0.3	Bq/kg raw
Ashitaba	Iwaki City	Mar-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.8	Bq/kg raw
Mustard greens	Iwaki City	Feb-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Purplestem-mustard	Hirono,Futaba, Fukushima Pref.	Mar-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Purplestem-mustard	Iwaki City	Feb-26	CA	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	0.4	Bq/kg raw
Japanese white radish(leaves)	Iwaki City	Mar-26	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
Japanese white radish(leaves)	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Japanese white radish(leaves)	Kyoto Pref.	Feb-26	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	0.2	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.

Mothers' Radiation Lab Fukushima

(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	
Japanese white radish(leaves)	Nishida,Koriyama, Fukushima Pref	Mar-26	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.6 Bq/kg raw
Turnip(leaf)	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	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	0.3 Bq/kg raw
Moloheiya (powder)	Iwaki City	Mar-26	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	4.3 Bq/kg raw
Perilla (powder)	Iwaki City	Mar-26	CA	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.8 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	4.7 Bq/kg raw
Driedwhite Japanese radish	Iwaki City	Mar-26	OR	Cs137	1.7 Bq/kg raw	± 0.6	Bq/kg raw	1.7	Cs137	1.2 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	1.4 Bq/kg raw
Frozen Japanese white radish	Iwaki City	Mar-26	OR	Cs137	0.9 Bq/kg raw	± 0.2	Bq/kg raw	0.9	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.4 Bq/kg raw
Yuzu	Hirono,Futaba, Fukushima Pref.	Feb-26	CA	Cs137	0.2 Bq/kg raw	± 0.09	Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Sweet watson pomelo	Shimada, Shizuoka Pref.	Mar-26	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.06 Bq/kg raw
Kumquat	Hirono,Futaba, Fukushima Pref.	Feb-26	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
Dried persimmon	Japan (production)	Feb-26	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
Shiitake mushroom log-grown(raw)	Nakata,Koriyama ,Fukushima Pref.	Mar-26	CA	Cs137	4.9 Bq/kg raw	± 0.3	Bq/kg raw	4.9	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.3 Bq/kg raw
Shiitake mushroom log-grown	Iwaki City	Mar-26	OR	Cs137	2.6 Bq/kg raw	± 0.2	Bq/kg raw	2.6	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.3 Bq/kg raw
Shiitake mushroom log-grown(powder)	Iwaki City	Mar-26	CA	Cs137	33.0 Bq/kg raw	± 0.9	Bq/kg raw	33.0	Cs137	1.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	1.1 Bq/kg raw
Nameko mushroom	Yamagata Pref.	Mar-26	OR	Cs137	0.4 Bq/kg raw	± 0.1	Bq/kg raw	0.4	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.4 Bq/kg raw
Wood ear mushroom(raw)	Iwaki City	Mar-26	OR	Cs137	0.2 Bq/kg raw	± 0.05	Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Aralia sprour	Kawauchi,Futaba, Fukushima Pref.	Mar-26	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
Butterbur sprout(wild)	Konan,Koriyama, Fukushima Pref.	Mar-26	OR	Cs137	1.1 Bq/kg raw	± 0.2	Bq/kg raw	1.1	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.5 Bq/kg raw
Butterbur sprout	Fukushima Pref.	Mar-26	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
Butterbur sprout	Iwaki City	Mar-26	OR	Cs137	1.2 Bq/kg raw	± 0.4	Bq/kg raw	1.2	Cs137	0.8 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.8 Bq/kg raw
Butterbur sprout	Kitaibaraki, Ibaraki Pref.	Mar-26	OR	Cs137	2.4 Bq/kg raw	± 0.3	Bq/kg raw	2.4	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.5 Bq/kg raw
Butterbur sprout	Chiba Pref.	Feb-26	OR	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
Nanban(dried)	Kitaibaraki, Ibaraki Pref.	Mar-26	CA	Cs137	3.3 Bq/kg raw	± 0.9	Bq/kg raw	3.3	Cs137	1.8 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	1.6 Bq/kg raw
Drid mackerel (shavings)	Amakusa, Kumamoto Pref.	Mar-26	CA	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	9.9 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	9.3 Bq/kg raw
Dried horse mackerel (shavings)	Amakusa, Kumamoto Pref.	Mar-26	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	8.9 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	9.6 Bq/kg raw

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

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

Mothers' Radiation Lab Fukushima

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

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Soil(pavilion)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	OR	Cs137	1634.9	Bq/kg dry	±	10.6	Bq/kg dry	1649.7	Cs137	2.7	Bq/kg dry
				Cs134	14.8	Bq/kg dry	±	1.7	Bq/kg dry		Cs134	3.1	Bq/kg dry
Soil(bench)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	OR	Cs137	98.6	Bq/kg dry	±	1.1	Bq/kg dry	98.6	Cs137	0.7	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.7	Bq/kg dry
Soil (beside toilet)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	OR	Cs137	75.5	Bq/kg dry	±	1.0	Bq/kg dry	75.5	Cs137	0.7	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.7	Bq/kg dry
Soil(bench)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	OR	Cs137	44.7	Bq/kg dry	±	0.7	Bq/kg dry	44.7	Cs137	0.6	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.6	Bq/kg dry
Soil(bench)	Hiromachi Park, Minamishirado, Taira, Iwaki	Nov-25	OR	Cs137	36.9	Bq/kg dry	±	0.7	Bq/kg dry	37.8	Cs137	0.6	Bq/kg dry
				Cs134	0.9	Bq/kg dry	±	0.3	Bq/kg dry		Cs134	0.7	Bq/kg dry
Pine needles	Shimada, Shizuoka Pref.	Mar-26	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.5	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.

Mothers' Radiation Lab Fukushima

Measuring instrument		Feature	
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 4	・Measuring nuclides Cerium Half-life 284 days Ruthenium Half-life 374 days Niobium Half-life 20300 years Manganese Half-life 312 days Zinc Half-life 12.5 days Iron Half-life 45 days Cobalt Half-life 5.27 years
			

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

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			Minimum Limit of Detection		
Sea water D (surface)	Off the coast of Fukushima Daiichi Nuclear Power Station	Nov-25	OR	Ce144	—	Bq/L	±	—	Bq/L	Ce144	0.01	Bq/L
				Ru106	—	Bq/L	±	—	Bq/L	Ru106	0.02	Bq/L
				Nb94	—	Bq/L	±	—	Bq/L	Nb94	0.005	Bq/L
				Mn54	—	Bq/L	±	—	Bq/L	Mn54	0.002	Bq/L
				Zn65	—	Bq/L	±	—	Bq/L	Zn65	0.004	Bq/L
				Fe59	—	Bq/L	±	—	Bq/L	Fe59	0.006	Bq/L
				Co60	—	Bq/L	±	—	Bq/L	Co60	0.002	Bq/L
Sea water D (lower)	Off the coast of Fukushima Daiichi Nuclear Power Station	Nov-25	OR	Ce144	—	Bq/L	±	—	Bq/L	Ce144	0.02	Bq/L
				Ru106	—	Bq/L	±	—	Bq/L	Ru106	0.02	Bq/L
				Nb94	—	Bq/L	±	—	Bq/L	Nb94	0.005	Bq/L
				Mn54	—	Bq/L	±	—	Bq/L	Mn54	0.002	Bq/L
				Zn65	—	Bq/L	±	—	Bq/L	Zn65	0.004	Bq/L
				Fe59	—	Bq/L	±	—	Bq/L	Fe59	0.007	Bq/L
				Co60	—	Bq/L	±	—	Bq/L	Co60	0.002	Bq/L

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.
But it does not necessary mean 0(zero)Bq/kg.

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★Beta-ray

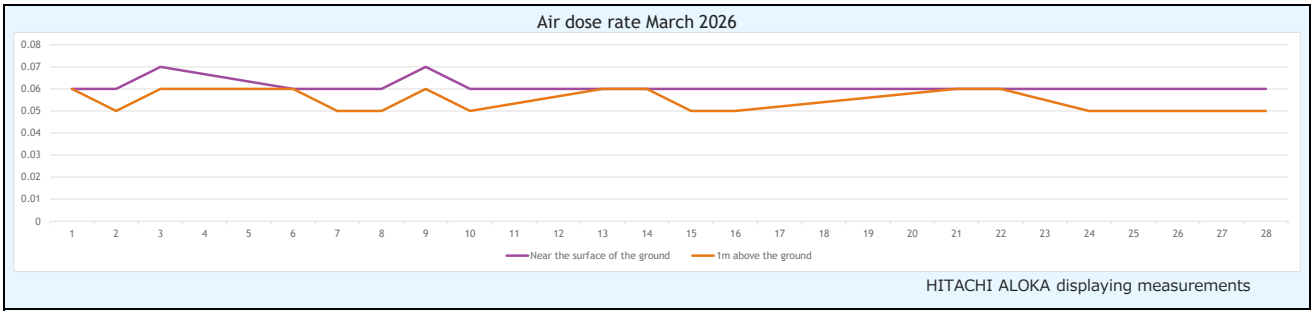
Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex **HIDEX 300SLL**	Product of PerkinElmer Japan **Quantulus GCT 6220**	Equipment for measuring low-energy beta-ray emission nuclides
		Measuring nuclide Strontium90 Half-life 30 years Organic bound tritium Harf-life 12.3 years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

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

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Minimum Limit of Detection	
Greenling	Off the coast of Fukushima Daiichi Nuclear Power Station	Nov-25	T(Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37	Bq/L
Greenling	Off the coast of Fukushima Daiichi Nuclear Power Station	Nov-25	T(Organically bound)	Under Minimum Limit of Detection	Bq/kg raw	±	—	Bq/kg raw	0.07	Bq/kg raw
Soil	Kusakidai-4chome Park, Kusakidai, Iwaki	Mar-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.46	Bq/kg dry
Soil	Takasaka-kita Park Takasaka, Uchigo, Iwaki	Oct-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.44	Bq/kg dry
Soil	Kanasaka Park Takasaka, Uchigo, Iwaki	Oct-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.56	Bq/kg dry
Soil	Hirakubo Park Shimohirakubo, Taira, Iwaki	Oct-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.47	Bq/kg dry
Soil	Hirakubo Danchi-mae Park Shimohirakubo, Taira, Iwaki	Nov-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.43	Bq/kg dry
Soil	Ishimori-nishi Park Ishimori, Iwaki	Dec-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.46	Bq/kg dry
Soil	Ishimori-higashi Park Ishimori, Iwaki	Dec-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.34	Bq/kg dry
Soil	Kusehara Park Nakayama, Taira, Iwaki	Jan-23	Sr90	4.06	Bq/kg dry	±	1.44	Bq/kg dry	2.14	Bq/kg dry
Soil	Ishinasaka-Danchi Park Kamata, Taira, Iwaki	Jan-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.49	Bq/kg dry
Soil	Satogaoka 3-chome Park 2 Satogaoka, Iwaki	Feb-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.39	Bq/kg dry
Soil	Satogaoka 1-chome Park 1 Satogaoka, Iwaki	Feb-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.44	Bq/kg dry
Soil	Taira Minamidai-nishi Park Satogaoka, Iwaki	Feb-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.44	Bq/kg dry
Sea water (surface)	Obama Port/ Iwaki City	Jan-26	Sr90	0.0007	Bq/L	±	0.0003	Bq/L	0.0005	Bq/L
Sea water (surface)	Ena Port/ Iwaki City	Jan-26	Sr90	0.0005	Bq/L	±	0.0003	Bq/L	0.0004	Bq/L

Air dose rate March 2026

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



HITACHI ALOKA displaying measurements

	Measuring instrument	HORIBA Radi	
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/3/2		0.068	0.062
2026/3/3		0.066	0.058
2026/3/4		0.071	0.064
2026/3/5		0.067	0.060
2026/3/6		0.064	0.057
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/3/9		0.060	0.053
2026/3/10		0.071	0.065
2026/3/11		0.065	0.055
2026/3/12		0.067	0.060
2026/3/13		0.067	0.061
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/3/16		0.069	0.056
2026/3/17		0.064	0.053
2026/3/18		0.068	0.064
2026/3/19		0.066	0.060
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/3/23		0.064	0.053
2026/3/24		0.066	0.057
2026/3/25		0.067	0.056
2026/3/26		0.065	0.058
2026/3/27		0.066	0.060
Measuring Date	Weather	Near the surface of the ground	1m above the ground (μSv/h)
2026/3/30		0.067	0.060
2026/3/31		0.070	0.064