



Radiation Measurement Results of 128 Items in October



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 | Aomori Pref. | Sep-23 | Cs137 — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 3.2 Bq/kg raw |
| | | | Cs134 — Bq/kg raw | ± — Bq/kg raw | | Cs134 2.9 Bq/kg raw |
| Potato | Kawamata, Date, Fukushima | Sep-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 |
| Sweet potato | Kashima, Minamisoma, Fukushima | Sep-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 |
| Sweet potato | Iitate, Soma, Fukushima | Sep-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 1.8 Bq/kg raw |
| Pumpkin | Inawashiro, Yama, Fukushima | Oct-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 |
| Pumpkin | Soma, Fukushima | Sep-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 |
| Pumpkin | Kawamata, Date, Fukushima | Sep-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 |
| Turnip (leaf) | Chiba Pref. | Oct-23 | Cs137 — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.9 Bq/kg raw |
| | | | Cs134 — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.5 Bq/kg raw |
| Turnip(pulp) | Chiba Pref. | Oct-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 |
| Onion | Mihota, Koriyama, Fukushima | Oct-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 2.4 Bq/kg raw |
| Green onion | Nishida, Koriyama, Fukushima | Oct-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 1.8 Bq/kg raw |
| Chinese cabbage | Nagano Pref. | Oct-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 |
| Lettuce | Fukushima Pref. | Oct-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 |
| Cabbage | Atami, Koriyama, Fukushima | Oct-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 |
| Qing-geng-cai | Miyagi Pref. | Oct-23 | Cs137 — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 3.5 Bq/kg raw |
| | | | Cs134 — Bq/kg raw | ± — Bq/kg raw | | Cs134 3.2 Bq/kg raw |
| Potherb mustard | Ibaraki Pref. | Oct-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 1.7 Bq/kg raw |
| Potherb mustard | Ibaraki Pref. | Oct-23 | 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 3.8 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 |
|-----------------|---------------------------------|----------------|--------------------|-------------|---------------|----------------------------------|----------------------------|
| Celery | Nagano Pref. | Oct-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 1.6 Bq/kg raw |
| Mitsuba | Ibaraki Pref. | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 4.5 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 3.6 Bq/kg raw |
| Tomato | Katahira,Koriyama, Fukushima | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.5 Bq/kg raw |
| Green pepper | Nishida,Koriyama, Fukushima | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.1 Bq/kg raw |
| Green chili | Atami,Koriyama, Fukushima | Oct-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 1.7 Bq/kg raw |
| Eggplant | Nishida,Koriyama, Fukushima | Oct-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 |
| Eggplant | Otsuki,Koriyama, Fukushima | Oct-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 1.7 Bq/kg raw |
| Wax gourd | Iitate,Soma, Fukushima | Oct-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 |
| Wax gourd | Minamisoma, Fukushima | Oct-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 |
| Broccoli | Fukushima Pref. | Oct-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 1.8 Bq/kg raw |
| Colinky | Minamisoma, Fukushima | Sep-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 |
| Asparagus | Tamura,Koriyama, Fukushima | Oct-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 |
| Green bean | Nishida,Koriyama, Fukushima | Oct-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 1.7 Bq/kg raw |
| Ginger | Nishida,Koriyama, Fukushima | Oct-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 |
| Myoga | Sukagawa, Fukushima | Oct-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 |
| Japanese pear | Fukushima Pref. | Sep-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 |
| Japanese pear | Fukushima Pref. | Oct-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 1.3 Bq/kg raw |
| Japanese pear | Sukagawa, Fukushima | Oct-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 1.7 Bq/kg raw |
| Pear | Kori,Date, Fukushima. | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.5 Bq/kg raw |
| Persimmon | Hobara,Date, Fukushima | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.5 Bq/kg raw |
| Persimmon | Obama,Iwaki, Fukushima | Oct-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 2.4 Bq/kg raw |
| Fig | Soma,Fukushima | Oct-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 |
| Mandarin orange | Kumamoto Pref. | Oct-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 |
| Grape | Yanagawa,Date, Fukushima | Oct-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 1.2 Bq/kg raw |

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

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

★Gamma-ray

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

| Samples | Sampling Point | Sampling Month | Measurement Result | | Uncertainty | Total Amount of Cesium | Minimum Limit of Detection |
|--|---|----------------|--------------------|------------------|-------------------|--|----------------------------|
| Apple | Sukagawa, Fukushima | Oct-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 2.7 Bq/kg raw |
| Apple | Fukushima, Fukushima Pref. | Oct-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 |
| Green soybean | Fukushima, Fukushima Pref. | Oct-23 | Cs137 | 5.2 Bq/kg raw | ± 2.1 Bq/kg raw | 5.2 | Cs137 1.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.4 Bq/kg raw |
| Soybeans | Soma, Fukushima | Sep-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.5 Bq/kg raw |
| Tofu (Green soybean) | Fukushima, Fukushima Pref. | Oct-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 |
| Maitake mushroom | Hokkaido Pref. | Oct-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 |
| Soba | Fukushima, Fukushima Pref. | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 1.3 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 1.1 Bq/kg raw |
| Dried green seaweed flour | Japan (production) | Oct-23 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 7.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 6.5 Bq/kg raw |
| Oatmeal | Finland (production) | Sep-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 2.6 Bq/kg raw |
| Mix flour | Motomiya, Fukushima | Oct-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 2.6 Bq/kg raw |
| Oolong chuhai | Japan (production) | Sep-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) | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 407.0 Bq/kg dry | ± 41.9 Bq/kg dry | 414.2 | Cs137 1.5 Bq/kg dry |
| | | | Cs134 | 7.2 Bq/kg dry | ± 1.1 Bq/kg dry | | Cs134 1.8 Bq/kg dry |
| Soil (in the park) | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 113.0 Bq/kg dry | ± 12.3 Bq/kg dry | 113.0 | Cs137 2.5 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 2.3 Bq/kg dry |
| Soil (in the park) | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 354.0 Bq/kg dry | ± 36.4 Bq/kg dry | 360.9 | Cs137 1.5 Bq/kg dry |
| | | | Cs134 | 6.9 Bq/kg dry | ± 1.1 Bq/kg dry | | Cs134 1.7 Bq/kg dry |
| Soil (in the park) | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 47.8 Bq/kg dry | ± 5.5 Bq/kg dry | 47.8 | 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 | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 162.0 Bq/kg dry | ± 17.8 Bq/kg dry | 162.0 | Cs137 4.3 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 3.7 Bq/kg dry |
| Soil(in the park) under the swing | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 1.7 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 1.7 Bq/kg dry |
| Soil(in the park) under the animal playset | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 7.7 Bq/kg dry | ± 1.1 Bq/kg dry | 7.7 | Cs137 1.4 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 1.7 Bq/kg dry |
| Soil(in the park) under the stairs | Katsuoka children's Amusement Park, JobanShiratoti,Iwaki | Sep-23 | Cs137 | 1200.0 Bq/kg dry | ± 122.0 Bq/kg dry | 1221.3 | Cs137 3.1 Bq/kg dry |
| | | | Cs134 | 21.3 Bq/kg dry | ± 2.9 Bq/kg dry | | Cs134 3.3 Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya,Iwaki | Sep-23 | Cs137 | 383.0 Bq/kg dry | ± 40.1 Bq/kg dry | 390.6 | Cs137 2.4 Bq/kg dry |
| | | | Cs134 | 7.6 Bq/kg dry | ± 1.4 Bq/kg dry | | Cs134 2.8 Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya,Iwaki | Sep-23 | Cs137 | 755.0 Bq/kg dry | ± 78.5 Bq/kg dry | 770.6 | Cs137 2.9 Bq/kg dry |
| | | | Cs134 | 15.6 Bq/kg dry | ± 2.2 Bq/kg dry | | Cs134 3.4 Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya,Iwaki | Sep-23 | Cs137 | 1540.0 Bq/kg dry | ± 157.0 Bq/kg dry | 1571.3 | Cs137 1.9 Bq/kg dry |
| | | | Cs134 | 31.3 Bq/kg dry | ± 3.5 Bq/kg dry | | Cs134 2.0 Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya,Iwaki | Sep-23 | Cs137 | 686.0 Bq/kg dry | ± 71.5 Bq/kg dry | 699.8 | Cs137 2.8 Bq/kg dry |
| | | | Cs134 | 13.8 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 3.3 Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya,Iwaki | Sep-23 | Cs137 | 315.0 Bq/kg dry | ± 32.5 Bq/kg dry | 321.4 | Cs137 1.3 Bq/kg dry |
| | | | Cs134 | 6.4 Bq/kg dry | ± 1.0 Bq/kg dry | | Cs134 1.7 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) | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 268.0 | Bq/kg dry ± 27.7 Bq/kg dry | 274.0 | Cs137 | 1.3 | Bq/kg dry |
| | | | Cs134 | 6.0 | Bq/kg dry ± 0.9 Bq/kg dry | | Cs134 | 1.6 | Bq/kg dry |
| Soil (in the park) | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 55.3 | Bq/kg dry ± 6.4 Bq/kg dry | 55.3 | Cs137 | 2.6 | Bq/kg dry |
| | | | Cs134 | — | Bq/kg dry ± — Bq/kg dry | | Cs134 | 2.4 | Bq/kg dry |
| Soil(in the park) under the bench | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 173.0 | Bq/kg dry ± 18.7 Bq/kg dry | 173.0 | Cs137 | 3.5 | Bq/kg dry |
| | | | Cs134 | — | Bq/kg dry ± — Bq/kg dry | | Cs134 | 3.2 | Bq/kg dry |
| Soil(in the park) under the swing | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 39.5 | Bq/kg dry ± 4.3 Bq/kg dry | 39.5 | Cs137 | 1.2 | Bq/kg dry |
| | | | Cs134 | — | Bq/kg dry ± — Bq/kg dry | | Cs134 | 1.4 | Bq/kg dry |
| Soil(in the park) under the horizontal bar | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 308.0 | Bq/kg dry ± 32.6 Bq/kg dry | 315.4 | Cs137 | 2.3 | Bq/kg dry |
| | | | Cs134 | 7.4 | Bq/kg dry ± 1.4 Bq/kg dry | | Cs134 | 2.8 | Bq/kg dry |
| Soil(in the park) rotating play equipment | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 121.0 | Bq/kg dry ± 12.7 Bq/kg dry | 123.7 | Cs137 | 1.0 | Bq/kg dry |
| | | | Cs134 | 2.7 | Bq/kg dry ± 0.6 Bq/kg dry | | Cs134 | 1.3 | Bq/kg dry |
| Soil(in the park) under the slide | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | 436.0 | Bq/kg dry ± 45.3 Bq/kg dry | 443.0 | Cs137 | 2.1 | Bq/kg dry |
| | | | Cs134 | 7.0 | Bq/kg dry ± 1.2 Bq/kg dry | | Cs134 | 2.6 | Bq/kg dry |
| Soil(in the park) under the basketball goal | Kamanomae children's Amusement Park6, JobanKamiyunagaya.Iwaki | Sep-23 | Cs137 | — | Bq/kg dry ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 1.3 | Bq/kg dry |
| | | | Cs134 | — | Bq/kg dry ± — Bq/kg dry | | Cs134 | 1.2 | Bq/kg dry |
| Vacuum cleaner trash | Naka, Ibaraki | Oct-23 | Cs137 | 66.9 | Bq/kg raw ± 8.3 Bq/kg raw | 66.9 | Cs137 | 4.7 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 4.7 | Bq/kg raw |

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

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



★Gamma-ray

| Measuring instrument | | Feature | Guide to lower limit※ | | |
|----------------------------------|-----------------|--|-----------------------|--|---|
| Germanium Semiconductor detector | | | | | |
| ORTEC GEM30-70 | CANBERRA GC4020 | · Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." · ORTEC GEM30-70 Relative efficiency 35% · CANBERRA GC4020 Relative efficiency 43% | | | Food (Sample 2kg) Lower limit 0.04Bq/Kg Soil (Sample 1kg) Lower limit 0.06Bq/Kg Material (Sample 1kg) Lower limit 0.06Bq/Kg Water (Sample 20L) Lower limit 0.001Bq/L |
| | | | | | |

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

Measuring instrument:Germanium Semiconductor detector

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

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | Uncertainty | Total Amount of Cesium | Minimum Limit of Detection |
|------------------------|------------------------------|----------------|---------------------------|---|----------------------------------|------------------------|----------------------------|
| Brown rice① | Nakoso, Iwaki | Oct-23 | OR | Cs137 2.6 Bq/kg raw ± 0.06 Bq/kg raw | | 2.6 | Cs137 0.06 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.07 Bq/kg raw |
| Brown rice② | Nakoso, Iwaki | Oct-23 | OR | Cs137 2.7 Bq/kg raw ± 0.06 Bq/kg raw | | 2.7 | Cs137 0.07 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.07 Bq/kg raw |
| Brown rice③ | Nakoso, Iwaki | Oct-23 | OR | Cs137 2.7 Bq/kg raw ± 0.06 Bq/kg raw | | 2.7 | Cs137 0.07 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.07 Bq/kg raw |
| Brown rice④ | Nakoso, Iwaki | Oct-23 | OR | Cs137 2.5 Bq/kg raw ± 0.03 Bq/kg raw | | 2.5 | Cs137 0.03 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.04 Bq/kg raw |
| Brown rice | Naka, Ibaraki | Oct-23 | OR | Cs137 1.3 Bq/kg raw ± 0.05 Bq/kg raw | | 1.3 | Cs137 0.06 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.07 Bq/kg raw |
| Rice | Naka, Ibaraki | Oct-23 | OR | Cs137 0.3 Bq/kg raw ± 0.03 Bq/kg raw | | 0.3 | Cs137 0.06 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.06 Bq/kg raw |
| Rice | Joban, Iwaki, Fukushima | Oct-23 | OR | Cs137 0.7 Bq/kg raw ± 0.1 Bq/kg raw | | 0.7 | Cs137 0.2 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.2 Bq/kg raw |
| Rice | Iwaki, Fukushima | Oct-23 | OR | Cs137 0.09 Bq/kg raw ± 0.01 Bq/kg raw | | 0.09 | Cs137 0.02 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.02 Bq/kg raw |
| Rice | Yamagata Pref. | Oct-23 | OR | Cs137 — Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.04 Bq/kg raw | Cs137 0.04 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.04 Bq/kg raw |
| Green pepper | Miharu, Tamura, Fukushima | Oct-23 | CA | Cs137 — Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.1 Bq/kg raw | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.1 Bq/kg raw |
| Japanese mugwort | Miyakojii, Tamura, Fukushima | Apr-23 | CA | Cs137 — Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 2.8 Bq/kg raw | Cs137 2.8 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 3.0 Bq/kg raw |
| Chestnut | Nihonmatsu, Fukushima | Oct-23 | CA | Cs137 0.4 Bq/kg raw ± 0.1 Bq/kg raw | 0.4 | Cs137 0.3 Bq/kg raw | Cs137 0.3 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.3 Bq/kg raw |
| Chestnut | Miharu, Tamura, Fukushima | Oct-23 | CA | Cs137 1.0 Bq/kg raw ± 0.05 Bq/kg raw | 1.0 | Cs137 0.1 Bq/kg raw | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.09 Bq/kg raw |
| White fig | Turkey (production) | Sep-23 | CA | Cs137 — Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.4 Bq/kg raw | Cs137 0.4 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.4 Bq/kg raw |
| Akebi(peel) | Futaba, Futaba, Fukushima | Oct-23 | OR | Cs137 26.1 Bq/kg raw ± 1.60 Bq/kg raw | 26.1 | Cs137 1.7 Bq/kg raw | Cs137 1.7 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 2.0 Bq/kg raw |
| Akebi(mesocarp) | Futaba, Futaba, Fukushima | Oct-23 | OR | Cs137 15.2 Bq/kg raw ± 1.3 Bq/kg raw | 15.2 | Cs137 1.6 Bq/kg raw | Cs137 1.6 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 1.7 Bq/kg raw |
| Persimmon | Futaba, Futaba, Fukushima | Oct-23 | CA | Cs137 5.1 Bq/kg raw ± 1.0 Bq/kg raw | 5.1 | Cs137 1.7 Bq/kg raw | Cs137 1.7 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 1.9 Bq/kg raw |
| Butterbur (wild) | Miharu, Tamura, Fukushima | Apr-23 | CA | Cs137 0.6 Bq/kg raw ± 0.10 Bq/kg raw | 0.6 | Cs137 0.3 Bq/kg raw | Cs137 0.3 Bq/kg raw |
| | | | | Cs134 — Bq/kg raw ± — Bq/kg raw | | | Cs134 0.2 Bq/kg raw |
| Bakamatsutake mashroom | Ohisa, Iwaki, Fukushima | Oct-23 | OR | Cs137 7058.1 Bq/kg raw ± 9.30 Bq/kg raw | 7194.4 | Cs137 1.9 Bq/kg raw | Cs137 1.9 Bq/kg raw |
| | | | | Cs134 136.3 Bq/kg raw ± 1.6 Bq/kg raw | | | Cs134 2.1 Bq/kg raw |
| Nameko mushroom | Fukushima Pref. | Sep-23 | CA | Cs137 — Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.2 Bq/kg raw | 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 |
|-----------------------------------|---|----------------|---------------------------|--------------------|------------------|------------------|----------------------------------|----------------------------|
| Azuki bean | Hokkaido Pref. | Oct-23 | 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 0.6 Bq/kg raw |
| Blackthroat seaperch | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | OR | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.2 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.2 Bq/kg raw |
| Mirror dory | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | CA | Cs137 | 0.13 Bq/kg raw | ± 0.04 Bq/kg raw | 0.13 | Cs137 0.09 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.09 Bq/kg raw |
| Marbled sole | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | CA | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.1 Bq/kg raw |
| Silver croaker | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | 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 |
| Chub mackerel | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | 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 |
| Japanese horse mackerel | HaragamaPort/Soma, Fukushima Pref. | Sep-23 | CA | Cs137 | 0.1 Bq/kg raw | ± 0.06 Bq/kg raw | 0.1 | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.1 Bq/kg raw |
| Takifugu synderi | Sendai Bay/Miyagi Pref. | Oct-23 | OR | Cs137 | 0.2 Bq/kg raw | ± 0.08 Bq/kg raw | 0.2 | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.2 Bq/kg raw |
| Takifugu synderi | Sendai Bay/Miyagi Pref. | Oct-23 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.1 Bq/kg raw | 0.2 | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.2 Bq/kg raw |
| Olive flounder | Sendai Bay/Miyagi Pref. | Oct-23 | CA | Cs137 | 0.3 Bq/kg raw | ± 0.1 Bq/kg raw | 0.3 | Cs137 0.1 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.1 Bq/kg raw |
| Olive flounder | Sendai Bay/Miyagi Pref. | Oct-23 | 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 |
| Olive flounder | Sendai Bay/Miyagi Pref. | Oct-23 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.1 Bq/kg raw | 0.2 | Cs137 0.2 Bq/kg raw |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 0.1 Bq/kg raw |
| Olive flounder | Sendai Bay/Miyagi Pref. | Oct-23 | 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 |
| Well water | Nihonmatsu, Fukushima | Oct-23 | OR | Cs137 | — Bq/L | ± — Bq/L | Under Minimum Limit of Detection | Cs137 0.03 Bq/L |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | Cs134 0.04 Bq/L |
| Well water (Purified water) | Nihonmatsu, Fukushima | Oct-23 | OR | Cs137 | — Bq/L | ± — Bq/L | Under Minimum Limit of Detection | Cs137 0.02 Bq/L |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | Cs134 0.02 Bq/L |
| Tap water | Nihonmatsu, Fukushima | Oct-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 |
| Spring water | Futaba, Futaba, Fukushima | Oct-23 | OR | Cs137 | — Bq/L | ± — Bq/L | Under Minimum Limit of Detection | Cs137 0.04 Bq/L |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | Cs134 0.04 Bq/L |
| Soil (in the park) | Katsuoka children's Amusement Park, Jobanshiratori, Iwaki | Sep-23 | OR | Cs137 | 374.5 Bq/kg dry | ± 6.6 Bq/kg dry | 380.7 | Cs137 2.8 Bq/kg dry |
| | | | | Cs134 | 6.2 Bq/kg dry | ± 1.6 Bq/kg dry | | Cs134 3.0 Bq/kg dry |
| Soil(in the park) under the bench | Katsuoka children's Amusement Park, Jobanshiratori, Iwaki | Sep-23 | OR | Cs137 | 278.8 Bq/kg dry | ± 5.7 Bq/kg dry | 283.2 | Cs137 3.0 Bq/kg dry |
| | | | | Cs134 | 4.4 Bq/kg dry | ± 1.4 Bq/kg dry | | Cs134 2.8 Bq/kg dry |
| Ash(Wood-burning stove) | unknown | Oct-23 | CA | Cs137 | 3701.4 Bq/kg raw | ± 25.5 Bq/kg raw | 3776.3 | Cs137 6.3 Bq/kg raw |
| | | | | Cs134 | 74.9 Bq/kg raw | ± 3.2 Bq/kg raw | | Cs134 6.4 Bq/kg raw |
| Ash(Wood-burning stove) | Koriyama, Fukushima | Sep-23 | CA | Cs137 | 1610.3 Bq/kg raw | ± 16.7 Bq/kg raw | 1641.7 | Cs137 4.6 Bq/kg raw |
| | | | | Cs134 | 31.4 Bq/kg raw | ± 2.3 Bq/kg raw | | Cs134 5.2 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.



★Beta-ray

| Measuring instrument | | Feature |
|---|---|--|
| Liquid Scintillation Counter | | |
| Product of Hidex HIDEX 300SL | Product of PerkinElmer Japan Quantulus GCT 622 | Equipment for measuring low-energy beta-ray emission nuclides |
|  |  | <p>Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Half-life 12.3 years Free-water 3H Half-life 12.3 years</p> <p>All samples are measured in liquid condition after several days of pretreatment.</p> |

(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 |
|---------------------------------|---|----------------|--------------------|----------------------------------|-------------|----------|----------------------------|
| Black sebastes | Tomioka Port/ Fukushima Pref. | Feb-23 | T(Tissue Free) | Under Minimum Limit of Detection | Bq/L | ± - | Bq/L 0.36 Bq/L |
| Sea bass | Chiba Pref. | Feb-23 | T(Tissue Free) | Under Minimum Limit of Detection | Bq/L | ± - | Bq/L 0.43 Bq/L |
| Sea water | Soma Port/ Fukushima Pref. | Dec-22 | T (free) | Under Minimum Limit of Detection | Bq/L | ± - | Bq/L 0.04 Bq/L |
| Sea water | Tomioka Port/ Fukushima Pref. | Nov-22 | T (free) | Under Minimum Limit of Detection | Bq/L | ± - | Bq/L 0.04 Bq/L |
| Sea water | Kumagawa Estuary/ Fukushima Pref. | Jun-23 | T (free) | 0.16 | Bq/L | ± 0.04 | Bq/L 0.04 Bq/L |
| White rockfish (head · bone) | Off the coast of Fukushima Nuclear Power Plant1 | May-23 | Sr90 | 0.19 | Bq/kg dry | ± 0.11 | Bq/kg dry 0.16 Bq/kg dry |
| Sea water A (surface) | Off the coast of Fukushima Nuclear Power Plant1 | Aug-23 | Sr90 | Under Minimum Limit of Detection | Bq/L | ± - | Bq/kg dry 0.0004 Bq/L |
| Sea water B (surface) | Off the coast of Fukushima Nuclear Power Plant1 | Aug-23 | Sr90 | 0.0005 | Bq/L | ± 0.0002 | Bq/L 0.0003 Bq/L |
| Sea water C (surface) | Off the coast of Fukushima Nuclear Power Plant1 | Aug-23 | Sr90 | 0.0005 | Bq/L | ± 0.0002 | Bq/L 0.0004 Bq/L |
| Sea water D (surface) | Off the coast of Fukushima Nuclear Power Plant1 | Aug-23 | Sr90 | 0.0009 | Bq/L | ± 0.0003 | Bq/L 0.0004 Bq/L |
| Sea water A (surface) | Sendai Bay/ Miyagi | Oct-23 | Sr90 | Under Minimum Limit of Detection | Bq/L | ± - | Bq/L 0.0004 Bq/L |
| Sea water A (lower) | Sendai Bay/ Miyagi | Oct-23 | Sr90 | Under Minimum Limit of Detection | Bq/L | ± - | Bq/kg dry 0.0003 Bq/L |
| Sea water B (surface) | Sendai Bay/ Miyagi | Oct-23 | Sr90 | Under Minimum Limit of Detection | Bq/L | ± - | Bq/kg dry 0.0005 Bq/L |

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

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

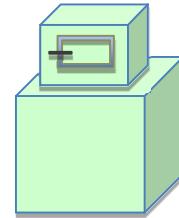
Measurement results of 16 items by germanium semiconductor detector

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



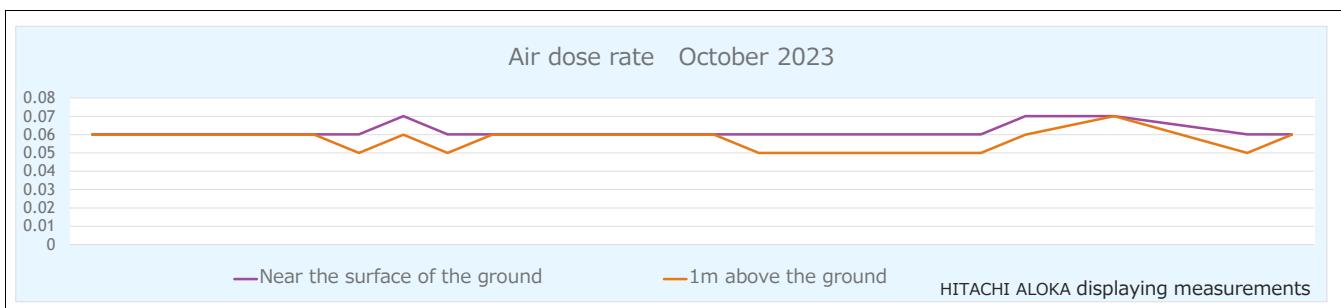
- Product of CANBERRA(CA), USA GX3018 Relative efficiency 30% or more
- Product of ORTEC(OR), USA GMX25-70 Relative efficiency 35%

(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 | Inawashiro, Yama, Fukushima | Oct-22 | OR | Cs137 | 1.20 | Bq/kg raw ± 0.05 | 1.2 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Rice | Sakado, Saitama | Oct-22 | OR | Cs137 | — | Bq/kg raw ± — | Under Minimum Limit of Detection | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Potato | Hirono, Futaba, Fukushima | Jun-23 | OR | Cs137 | 1.3 | Bq/kg raw ± 0.07 | 1.3 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Pumpkin | Kitakata, Fukushima. | Jul-23 | OR | Cs137 | 0.19 | Bq/kg raw ± 0.04 | 0.19 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Okra | Fukushima, Fukushima Pref. | Jul-23 | OR | Cs137 | 0.16 | Bq/kg raw ± 0.05 | 0.16 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Cherry tomato | Miharu, Tamura, Fukushima | Jul-23 | OR | Cs137 | — | Bq/kg raw ± — | Under Minimum Limit of Detection | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Myoga | Akutsu, Koriyama, Fukushima | Aug-23 | OR | Cs137 | 1.20 | Bq/kg raw ± 0.10 | 1.2 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Eryngii mushroom | Ogawa, Iwaki, Fukushima | Aug-23 | OR | Cs137 | 4.2 | Bq/kg raw ± 0.2 | 4.2 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Perilla | Fukushima Pref. | Aug-23 | OR | Cs137 | 3.6 | Bq/kg raw ± 0.4 | 3.6 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Black soybean | Ibaraki Pref. | Aug-23 | OR | Cs137 | 0.36 | Bq/kg raw ± 0.20 | 0.36 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Chili pepper (dried) | Hirono, Futaba, Fukushima | Jul-23 | OR | Cs137 | 4.80 | Bq/kg raw ± 0.50 | 4.8 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Blueberry | Obama, Iwaki, Fukushima | Aug-23 | OR | Cs137 | 0.11 | Bq/kg raw ± 0.04 | 0.11 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Ocellated spot skate | HaragamaPort/ Soma, Fukushima | Jun-23 | OR | Cs137 | 0.28 | Bq/kg raw ± 0.05 | 0.28 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Yellowtail | HaragamaPort/ Soma, Fukushima | Jun-23 | OR | Cs137 | 0.18 | Bq/kg raw ± 0.07 | 0.18 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Nibe croaker | Ukedo port/ Fukushima Pref. | Jun-23 | OR | Cs137 | 0.74 | Bq/kg raw ± 0.12 | 0.74 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |
| Sea robin | Ukedo port/ Fukushima Pref. | Jun-23 | OR | Cs137 | 0.64 | Bq/kg raw ± 0.10 | 0.64 | Cs137 Bq/kg raw |
| | | | | Cs134 | — | Bq/kg raw ± — | | Cs134 Bq/kg raw |

Air dose rate October 2023

| Measuring Instrument | | Measuring Place |
|---|---|--|
| CsI Scintillation survey meter ⑤HITACHI ALOKA TCS-1172 | NaI 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. | | |



| 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) | |
| 2023/10/02 | | 0.06 | 0.064 | 0.06 | 0.068 |
| 2023/10/03 | | 0.06 | 0.068 | 0.06 | 0.063 |
| 2023/10/04 | | 0.06 | 0.061 | 0.06 | 0.06 |
| 2023/10/05 | | 0.06 | 0.064 | 0.06 | 0.06 |
| 2023/10/06 | | 0.06 | 0.063 | 0.05 | 0.054 |
| 2023/10/10 | | 0.07 | 0.057 | 0.06 | 0.055 |
| 2023/10/11 | | 0.06 | 0.065 | 0.05 | 0.062 |
| 2023/10/12 | | 0.06 | 0.059 | 0.06 | 0.057 |
| 2023/10/13 | | 0.06 | 0.065 | 0.06 | 0.061 |
| 2023/10/16 | | 0.06 | 0.059 | 0.06 | 0.057 |
| 2023/10/17 | | 0.06 | 0.062 | 0.06 | 0.061 |
| 2023/10/18 | | 0.06 | 0.058 | 0.05 | 0.053 |
| 2023/10/19 | | 0.06 | 0.057 | 0.05 | 0.053 |
| 2023/10/20 | | 0.07 | 0.068 | 0.06 | 0.063 |
| 2023/10/23 | | 0.07 | 0.065 | 0.07 | 0.06 |
| 2023/10/24 | | 0.06 | 0.061 | 0.05 | 0.058 |
| 2023/10/25 | | 0.06 | 0.059 | 0.06 | 0.055 |
| 2023/10/26 | | 0.06 | 0.063 | 0.06 | 0.062 |
| 2023/10/27 | | 0.06 | 0.062 | 0.06 | 0.058 |
| 2023/10/30 | | 0.06 | 0.059 | 0.06 | 0.059 |
| 2023/10/31 | | 0.06 | 0.069 | 0.05 | 0.06 |