

美國FDA對日本食品之輻射監測

藥求安全 食在安心

美國FDA網頁公布會計年度2011~2014*日本進口產品檢驗「銫134 + 銫137」之結果，其中2件檢體檢出，薑粉驗出 97.4 ± 9.7 Bq/kg、綠茶包驗出 7.9 ± 2.3 Bq/kg，皆低於DIL標準，且對人體不會造成傷害；其他檢體皆未檢出。

What has FDA's screening and testing shown so far?

As of March 10, 2014, FDA has tested 1,345 import and domestic samples specifically to monitor for Fukushima contamination. Two hundred and twenty-five of these were seafood or seafood products. Of the 1,345 samples, two were found to contain detectable levels of Cesium, but the levels were well below the established Derived Intervention Level (DIL) and posed no public health concern. They were:

- Ginger Powder (sample no. 686901, collected April 2011)
- Green Tea Bag (sample no. 827430, collected August 2013)

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食品中銫之干預基準標準

Radionuclide Group	DIL (Bq/kg)
Cesium-134 + Cesium-137	1200

美國FDA使用干預基準 (Derived Intervention Levels, DIL) 確保食品中是否存在安全疑慮。

DIL評估標準包括：

- (1)人類飲食中潛在受污染食物的百分比
- (2)飲食食用量
- (3)預期食用可能受污染食物的時間
- (4)污染食品可能潛在暴露於不同年齡層包含嬰兒和兒童

一般來說，DIL適用於所有食物，但是可能基於食物如需再與水結合的情況下，需再調整DIL。

FDA uses **Derived Intervention Levels (PDF)** (DILs) to help determine whether food presents a safety concern. The criteria used to set DILs include:

- the percentage of potentially contaminated foods in a person's diet
- the amount of food typically eaten
- the length of time that a person may be expected to eat contaminated food
- the potential exposure to contaminated foods of different members of the population, including infants and children.

In general, DILs apply to all foods. FDA does not have different DILs for different types of food, though DILs may be adjusted based on, for example, whether a food must be rehydrated before being ready to eat.

會計年度2011~2014美國FDA檢驗日本進口產品 「銫134 + 銫137」之結果

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Fiscal Year	Sample Number	FDA Product Code Description	Radionuclide Level Cesium-134 + Cesium-137 (Bq/kg)	Product Origin	FDA Collection District	Sample Collection Date
FY11	684350	Starch Products N.E.C.	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY11	684444	Tea, Oolong	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY11	684456	Tea, Mixed (Green and Black, Etc.)	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY11	684477	Starch Products N.E.C.	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY11	684541	Beet Sugar (Sucrose)	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY11	684577	Breakfast Dishes & Meals (Package Contains Separate Components, Require Mix/Cook)	Not Detected	IMPORT product from Japan	LOS-DO	20110329
FY14	835966	Chocolate Pudding (Pie Filling) Mix (Not Custard); Plastic, Synth; Heat Treated	Not Detected	DOMESTIC product	NWE-DO	20131217
FY14	841005	Yellowtail, Amberjack	Not Detected	IMPORT product from Japan	LOS-DO	20131217
FY14	842471	Tuna (Albacore, Yellowfin, Bluefin, Skipjack, Etc.)	Not Detected	IMPORT product from Japan	SEA-DO	20140103
FY14	831557	Salmon (Humpback, Silver, King, Sockeye, Etc.)	Not Detected	DOMESTIC product	SEA-DO	20140114
FY14	844711	Soybeans Dried or Paste	Not Detected	IMPORT product from Japan	SWI-DO	20140122
FY14	754211	Squash (Fruit Used as Vegetable); Not Elsewhere Classified (NEC); Raw, Fresh, Ambient	Not Detected	DOMESTIC product	SWI-DO	20140122
FY14	846172	Rice Flour	Not Detected	IMPORT product from Japan	CHI-DO	20140222

a The FDA benchmark for cesium radioactivity (FDA DIL) is 1,200 Bq/kg. The observed level for this sample does not pose a public health concern.