

GENERAL CODEX METHODS FOR THE DETECTION OF IRRADIATED FOODS
CODEX STAN 231-2001, Rev.1 2003

Provision	Commodity	Method	Principle	Type
Detection of irradiated food containing fat	Food containing fat	EN 1784:1996	Gas chromatographic analysis of hydrocarbons	Type II
Detection of irradiated food containing fat	Food containing fat	EN 1785:1996	Gas chromatographic/ spectrophotometric analysis of 2/alkylcyclobutanones	Type III
Detection of irradiated food containing bones	Food containing bone	EN 1786:1996	ESR spectroscopy	Type II
Detection of irradiated food containing cellulose	Food containing cellulose	EN 1787:2000	ESR spectroscopy	Type II
Detection of irradiated food containing silicate minerals	Food containing silicate minerals	EN 1788:2001	Thermoluminescence	Type II
Detection of irradiated food	Food containing silicate minerals	EN 13751:2002	Photostimulated luminescence	Type III
Detection of irradiated food containing crystalline sugar	Food containing crystalline sugar	EN 13708:2001	ESR spectroscopy	Type II
Detection of irradiated food	Herb, Species and Raw minced meat	EN 13783:2001 NMKL 137 (2002)	Direct Epifluorescent Filter Technique/Aerobic Plate Count (DEFT/APC) (screening method)	Type III
Detection of irradiated food	Food containing DNA	EN 13784:2001	DNA comet assay (screening method)	Type III