

1. Record Nr.	UNINA9910825924103321
Titolo	High-dose irradiation [[electronic resource]] : wholesomeness of food irradiated with doses above 10 kGy // report of a Joint FAO/IAEA/WHO Study Group
Pubbl/distr/stampa	Geneva, : World Health Organization, 1999
ISBN	1-280-04124-2 9786610041244 92-4-068640-1
Descrizione fisica	1 online resource (204 p.)
Collana	WHO technical report series ; ; 890
Disciplina	664.0288
Soggetti	Irradiated foods Radiation preservation of food
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Joint FAO/IAEA/WHO Study Group on High-Dose Irradiation (Wholesomeness of Food Irradiated with Doses above 10 kGy), Geneva, 15-20 September 1997"--P. V.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; 1. Introduction; 2. General considerations; 3. Radiation chemistry considerations; 4. Nutritional considerations; 5. Microbiological considerations; 6. Toxicological considerations; 7. Packaging considerations; 8. Processing considerations; 9. Conclusions; 10. Recommendations; Acknowledgements; References; Annex 1High-dose irradiated foods --- practical experience
Sommario/riassunto	This report presents the conclusions and recommendations of a group of experts convened to assess the safety and nutritional adequacy of food irradiated to doses above 10 kGy. Noting growing concern over the microbiological safety of the food supply, the report responds to the need for average doses higher than 10 kGy to ensure that food items, particularly meat and poultry, are rendered consistently free of pathogens. Other technological objectives of high-dose irradiation include the decontamination of low-moisture products, such as spices, herbs, and dried vegetables, the preparation of ste