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LC/MS/MS IDENTIFICATION OF FOLIC ACID DEGRADATION PRODUCTS AFTER E-BEAM IRRADIATION

The content of MDA in both species did not change with the level of gamma irradiation applied. In addition, the activity of SOD and POD and the antioxidant activity of ethanolic extracts were not affected by the irradiation treatment. These results suggest that the antioxidant activity of ethanolic extracts of vegetables used as foods.

activity of ethanolic extracts was evaluated on the first, fifth and tenth day of storing at 4°C. The content of MDA, the activity of the enzymes superoxide dismutase (SOD) and guaiacol peroxidases (POD) and the antioxidant irradiation (1.0 and 2.0 kGy) on the antioxidant activity of fresh coriander and parsley. The content of malondialdehyde (MDA), food irradiation activity of fresh herbs. The aim of this study was to investigate the impact of gamma procedures on maintaining the quality of herbs for a longer time. There are not many reports of the influence of irradiation method for maintaining the quality of food-borne pathogens. Gamma-ray irradiation is now internationally recognized as an effective method by inactivating food-borne pathogens. Gamma-ray irradiation of spoilage organisms, and improvement of the safety disinfectants, improvement of the shelf life by the inactivation of spoilage organisms, and improvement of the safety of food irradiation is the treatment with radiation energy to obtain some beneficial effects, which include oocysts of. Food irradiation with pathogen like Escherichia coli O157:H7, Listeria monocytogenes, Salmonella and Cryptosporidium contaminated with pathogen like Escherichia coli O157:H7, Listeria monocytogenes, Salmonella and Cryptosporidium even at refrigeration temperature. Due to cultivate techniques and handling after harvest, these products can be even at refrigeration temperature. These leaves are highly perishable and have short shelf life

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EFFECT OF IONIZING RADIATION ON THE ANTIOXIDANT ACTIVITY OF FRESH HERBS

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