

Antioxidant properties of water-soluble pectins of amaranth leaves

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Abstract

Natural substances on the basis of vegetative raw materials, as a rule, are distinguished by a wide spectrum of pharmacological action, small toxicity and the possibility of their long application connected with it. Those are pectins, including water-soluble pectins of an amaranth. The wide spectrum of biological action of pectins on a human body and animals is caused by polyalternativeness of their chemical structure. Water-soluble pectins of amaranth plants bring the essential contribution in total antioxidant activity of leaves of various grades of amaranth during all vegetative period.