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(*Lactuca sativa* L.)

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[3,4,5,6].

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 (, %).
 (, %) : $x=(a \cdot m)/M$, m – (); M –
 (); a – (%).
 ; Cu – 1·10⁻⁴; Co, Cr, Mo, Mn, V – 2·10⁻⁴ ;
 Ag, Ga, Ge, Ni, Pb, Sn, Ti – 5·10⁻⁴; Sr, Zn – 1·10⁻⁴ % [1].

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№ з/п	Елемент	Вміст елементу, мкг/100 г		
		салат посівний сорт «Лолло rosso»		
		листя	корені	насіння
1	Fe	160,00	180,00	54,00
2	Si	1360,00	1070,00	160,00
3	P	385,00	305,00	215,00
4	Al	230,00	265,00	5,00
5	Mn	7,90	7,10	5,40
6	Mg	795,00	625,00	430,00
7	Pb	<0,03	<0,03	<0,03
8	Ni	<0,03	0,18	0,16
9	Mo	<0,03	<0,03	<0,03
10	Ca	1815,00	1425,00	430,00
11	Cu	1,10	4,40	2,70
12	Zn	115,00	125,00	38,00
13	Na	455,00	355,00	110,00
14	K	8620,00	6230,00	1890,00
15	Sr	11,30	17,60	10,60

: Co< 0,03 /100 ; Cd< 0,01 /100 ; As< 0,01 /100 ; Hg<0,01 /100 .

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(1815,00 1425,00 /100), (8620,00 6230,00 /100),
(795,00 625,00 /100) (1360,00 1070,00 /100)
(430,00 /100) (430,00 /100) ; - (1890,00 /100)

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V. Hutsol, I. Zhuravel

Mineral elements of 'Lollo Rosso' variety of lettuce

National University of Pharmacy

Introduction. Lettuce is a traditional leaf vegetable cultivated in Ukraine. Mineral elements are important compounds that take part in metabolic processes in the human body.

Aim. For the purpose of the detailed study of 'Lollo Rosso' variety of lettuce the qualitative composition and quantitative content of mineral elements were determined in leaves, roots and seeds of the plant material studied.

Materials and methods. Spectrometry was employed to determine mineral elements in 'Lollo Rosso' variety of lettuce

Results. 19 mineral elements were identified and quantitatively determined.

Conclusion. The data obtained can be used for development of new phytoremedies on the basis of 'Lollo Rosso' variety of lettuce.

Key words: lettuce, mineral elements, chemical analysis.

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