

**ФИТОХИМИЧЕСКОЕ ИССЛЕДОВАНИЕ ПЛОДОВ
И ЛИСТЬЕВ МАГОНИИ ПАДУБОЛИСТНОЙ**

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PHYTOCHEMICAL STUDY OF THE FRUITS AND LEAVES OF MAHONIA AQUIFOLIUM

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Abstract. The paper presents the results of a study of the phytochemical composition of the leaves and fruits of *Mahonia Aquifolium* growing in Kabardino-Balkaria. Using standard methods, a high content of ascorbic acid, carotenoids and flavonoids in *Mahonia* fruits has been established. *Mahonia Aquifolium* can be recommended as an additional raw source of vitamins and bioflavonoids.

Keywords: mahonia, ascorbic acid, carotenoids, flavonoids.

(Mahonia) (Mahonia aquifolium Pursh.) – (Berberidaceae).

[1].

2024 .

[2].

[3].

(1:10).

[4].

45
-1100

415

80 70 %-

210 %.

[3].

450

65 %.

20
-1100

2,6-

10 300

, 13

1

0,001

1 2 %
2,6-

82 %.

(. 1).

[5].

1

	, %.	, %.
	210	110
	65	120
	82	140

1.

2022. . 11, 2. . 16–22.

2.

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3.

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4.

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5.

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