

DETERMINATION OF VOLUGARIS DRY QUANTITIES OF MICRO AND MACROELEMENTS AND APPLICATION IN MEDICINE

Islomov A.Kh*; Kurbanova A.Dj; Komilov K.U**; Allaev J.,D.D**;**
Nurmatov D; Masharipov V**; Fayziyev X.O****

*Institute of Bioorganic Chemistry named after academician O.S Sodiqov,
Academy of Sciences of the Republic of Uzbekistan,
Email id: info@biochem.uz islomov-72@mail.ru.

**Chirchik State Pedagogical Institute of Tashkent Region,
Tashkent Region, UZBEKISTAN
Email id: kaypara@list.ru

DOI: 10.5958/2249-7137.2022.00087.8

ABSTRACT

This article describes the amount of elements in the powder of crushed fruits (grains) of vulgaris plant and provides information on its chemical composition and use in medicine. If you prepare such an ointment from the core and skin and apply it on your face, it will remove blemishes, freckles and redness and clarify the skin. White beans relieve pain in the chest and lungs, normalize the salt balance in the body. It is rich in red blood cells and dramatically increases the amount of hemoglobin in the blood. The amount of macro and micro elements in the fruit (grains) of beans was determined in a device based on the method of optical emission spectrometry "Inductively coupled argon plasma".

KEYWORDS: *Vulgaris, Macro And Microelements, Starch, Alkyl Acid, Pantothenic Acid, Vitamins Of Group C, PP, V, Zinc, Potassium, Iron.*

LITERATURE

1. Pharmacognosy (H.Kholmatov, O.Ahmedov) Abu Ali ibn Sino Tashkent 1997.
2. H.Kh.Kholmatov, O.A.Akhmedov, Pharmacognosy: textbook, Tashkent, NMB named after Ibn Sino, 1995.
3. https://hams--alkhawater-blogspot-com.translate.goog/2015/05/blogpost_207.html?_Xtrscl=http&_xtrsl=ar&_x_tr_tl=uz&_x
4. <https://www.rra.uz/news/info/agency/23/>
5. Guide to medicinal cultures. Voronezh, 1963.
6. Murdaxaev Yu. M. Medicinal culture in Uzbekistan, Tashkent, 2001.
7. Murdaxaev Yu. M. Plants found in Uzbekistan. Tashkent, 1990.
8. O'. Ahmedov., A.Ergashev., A.Abzalov // Technology of cultivation of medicinal plants and plants // Tashkent 2008.

9. Gaybullaeva.O.O., Islamov A.Kh., // Chemical Composition, Biological Properties And Importance Of Inula Helenium L (Black Andiz) In The Wild In Uzbekistan. ACADEMICIA: An International Multidisciplinary Research Journal <https://saarj.com.Spl> Issue Impact Factor7.13: SJIF 2020, Issue 5, May 2020, ISSN: 2249-7137 Vol.10.
 10. IslamovA.Kh., Smanova Z.A., Matchanov A.D., Abdulladjanova N.G., Saidova V.A., Gaybullaeva.O.O., Ishmuratova. A.S., Raximov R.N., KhushvaqtovZ.Sh. // Technology of production of active applications with natural capsulla against diseases caused by iodine deficiency. World journal of engineering research and technology. sjif impact factor: 5,924wjert, 2020, vol. 6, issue 4, 91-104.
 11. Khushvaqova M.A., Islamov A.Kh, Jalmurodova D.D, Ishmuratova A.S, Khushvaqtov A.A. // Determination of macro and micro elements in rais-based bioactive additives and content.European Scholar Journal (ESJ), Available Online at: <https://www.scholarzest.com> Vol.2 No. 4, April 2021, ISSN: 2660-5562.
 12. Islomov. A.Kh., Jalmuradova D.D, Niyazmetov B.E./Erkingossipoltaxlili. "Scientific progress" Scientific journal ISSN: 2181-1601 //// Volume: 1, ISSUE: 6
 13. Islamov A.Kh., Jalmurodova D.D., Khushvaqova M.A., Khushvaqtov A.A., Ishmuratova A.S. // Determining the content of micro and macronutrients in the root of the plant Zingiber officinali.// Scientific-practical conference on current issues of chemistry of the National University of Uzbekistan (February 4-5, 2020) B.328-329
 14. IslamovA.Kh., Ishmuratova. A.S., Khushvaqtova M.A., Khushvaqtov A.A., Jalmurodova D.D. // Determination of macro and micro elements in rais-based bioactive additives and content // European Scholar Journal (ESJ). Vol.2 No.4 April 2021. B 305-311
 15. IslamovA.Kh., Khushvaqtova M.A., Khushvaqtov A.A., Gaybullaeva.O.O., Muqimov.Sh.Kh.. // Determination of micro- and macronutrients in the root of the plant Inula Helenium L (black andiz) // Stone Institute of Chemical Technology. International scientific-practical conference with the participation of international scientists on the topic "Actual problems of technological sciences". Collection of scientific works. Tashkent., 2021 March 1011 B. 576-578.
 16. Kurbanova A.J., Komilov.Q.O., Islamov A.Kh., Bozorova D.U. // Determination of micro and macronutrients in the plant ArciumTomentosum.//ARES. Academic Research In Educational Sciences 2021 \ 04. Volume 2. Issue 4. ISSN: 2181-1385. Sceintific Journal impact factor (SJIF) 2021: 5.723. B.898-906
 17. Islomov A. Kh.,Jalmurodova D.D.,Komilov.Q.O',Kurbanova A.J.,Atkikaeva S.I. // The amount of micro and macronutrients in the roots of the plant Smena Nigella.//Development and future of chemistry of natural compounds in Uzbekistan. Tashkent. 27.05.2021 B.135-136.
 18. IslomovA.Kh.,Jalmurodova D.D.,G'aybullaeva.O.O. // Study of the amount of elements and their compounds in mg in the plant Tanacetum Vulgare.//Development and future of chemistry of natural compounds in Uzbekistan. Tashkent-27.05.2021 B.204-205.
 19. 19.IslomovA.Kh.,Atqiqayeva.S.I.,Fayziyev.Kh.O // Determination of micro and macronutrients in the shell of home-grown chicken eggs.//VII international scientific-
-

practical conference. "Science and education in the modern world of the XXI century" Nur-Sulton. Kazakhstan 2021 April. B.67-70

- 20.** Islomov A.Kh.,Kurbanova A.J.,Bozorova D.U. // Chemical composition of radices et fructus psoraleaeulgare plant and its use in medicine // International scientific-educational electronic journal "Education in science in the XXI century" ISSN: 2658-7998. 30.05.2021g. Issue 14 (volume 4) May 2021 and B.239-243
- 21.** IslomovA.Kh.,G'aybullaeva.O.O. // Study of the content of macro-and macronutrients in the seeds of Seminacucurbita.// Scientific-methodical journal of "Scientific Progress" ISSN: 2181-1601. 2021 and B 86-91
- 22.** Islomov A.Kh., Jalmurodova D.D. // Determination of the percentage of micro and macro elements in the plant Tanacetum vulgare // Science and education scientific journal. Volume 2. Issue 6. ISSN 2181-0842. June 2021 y
- 23.** IslomovA.Kh. Khushvaqtov.A.A. Khushvaqova.M.A. Ishmuratova.A.S. // Rubiatinctorum 1 Plant cultivation to determine the amount of micro and macronutrients. // "Science and education in the modern world: challenges of the 21st century" Nur-Culton 2021 y
- 24.** Islamov A.Kh., Ishmuratova A.S., Jalmuradova D.D., // Application in medicine of the amount of macro and micro elements in the root of Zingiber Officinale Rose. // AIP Publishing ICPPMS-2021 y.B.
- 25.** Islamov A.Kh., Ishmuratova A.S., Khushvaktov.A.A., Khushvakova.M.A. //Determination of the amount of macro-and micronutrients in the seeds of the plant Nigina plant. // Academic research in educational sciences 2021 y. B.71-79.