

Analysis of pharmacopoeias on presence of monographs on the underground organs of medicine plant raw material

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Pharmacopoeia is the collection of standards which are regulated quality specifications of medicine including plant medicine and medicine plant raw material. Creating plant medicine and accordingly making monographs on medicine plant raw material is actual today. The amount of such monographs in Ukrainian Government Pharmacopoeia is growing every year. In addition to that the common monographs on the underground organs of medicine plant raw material are absent. That is why the analysis of pharmacopoeias of some countries on present of monographs on underground organs was actual.

The aim of the work is the analysis of pharmacopoeias of some countries on present of common monographs on underground organs of medicinal plant raw material.

The analysis of pharmacopoeias such countries as Azerbaijan, Republic Belarus, Brazil, Great Britain, India, Indonesia, Russian Federation, Slovenia, France, Japan, Pharmacopoeia of Soviet Union of XI edition, European Pharmacopoeia and International Pharmacopoeia was carried out. Only Pharmacopoeia of Russian Federation of XIII edition and Pharmacopoeia of Soviet Union of XI edition has common monographs on "Root, rhizome, bulb, tuber and corm". There is monograph "Technique of macro- and microscopic analysis" in Pharmacopoeia of Republic Belarus of the first edition where is described macro- and microscopic analysis of root, rhizome, bulb, tuber and corm. Analyzed common monographs and monographs on medicine plant raw materials, where the underground organs were used, of some pharmacopoeias were determined that part "Identification" A (macroscopic characteristic) and B (microscopic characteristic) the medicine plant raw materials are described unsystematically and not exactly. The most of species have common definition which does not give a possibility to tell one species from the other. Moreover, the synonyms are used there. Therefore the creating common monograph on underground organs of medicine plant raw material for full and systematic description of underground organs of medicine plant raw material is actual.

References:

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